

## GetPixel

The **GetPixel** function retrieves the red, green, blue (RGB) color value of the pixel at the specified coordinates.

### COLORREF GetPixel(

```
HDC hdc,          // handle of device context
int  nXPos,        // x-coordinate of pixel
int  nYPos         // y-coordinate of pixel
);
```

### Parameters

*hdc*

Identifies the device context.

*nXPos*

Specifies the logical x-coordinate of the pixel to be examined.

*nYPos*

Specifies the logical y-coordinate of the pixel to be examined.

### Return Value

If the function succeeds, the return value is an RGB value. If the pixel is outside of the current clipping region, the return value is CLR\_INVALID.

### Remarks

The pixel must be within the boundaries of the current clipping region.

Not all devices support **GetPixel**. An application should call **GetDeviceCaps** to determine whether a specified device supports this function.