

# Converting Colors

Hex(33861D)

Have a look what the booklet for  
Hex(33861D) contains.

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**Color**

**Hex(33861D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	33861D
RGB	51, 134, 29
RGB Percent	20%, 53%, 11%
CMY	0.8000, 0.4745, 0.8863
CMYK	0.62, 0.00, 0.78, 0.47
HSL	107°, 64%, 32%
HSV	107°, 78%, 53%
XYZ	10.1121, 17.8427, 4.0734
YIQ	97.2130, -15.7630, -50.2510

# Conversions

## Conversions Part 2

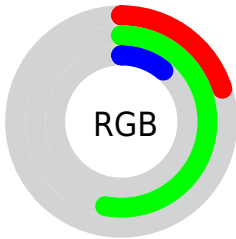
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 134, 112
Decimal	3376669
CIE <sub>Lab</sub>	49.30, -44.56, 45.70
CIE <sub>LCh</sub>	49, 63.835, 134.277
Yxy	17.8427, 0.3157, 0.5571
Android (android.graphics.Color)	4281566749 (0xFF33861D)
YUV	97.2130, -33.6290, -40.5288
Hunter-Lab	42.2406, -31.1895, 23.8509

# Details

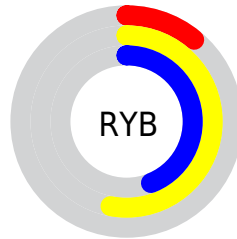
The Hex color **33861D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **701D86**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6CBC51**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **288610**, and if you desaturate by 10%, it is **3E862A**.

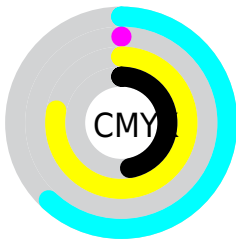
# Distribution



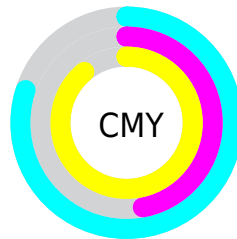
- Red (20%)
- Green (53%)
- Blue (11%)



- Red (11%)
- Yellow (53%)
- Blue (44%)



- Cyan (62%)
- Magenta (0%)
- Yellow (78%)
- Black (47%)



- Cyan (80%)
- Magenta (47%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 33861D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 33861D by changing the saturation by 10% instead.





33861D



33861D

FFFFFF



0E6C00



6CBC51



005300



88D86B



003B00



A4F586



002600



C0FFA1



000000



D0FFBC



FBFFD9



FFFFFF6



33861D



33861D

■ 288610

■ 3E862A

■ 1E8602

■ 488638

■ 1C8600

■ 538645

■ 5D8653

■ 688660

■ 73866D

■ 7D867B

■ 888688

■ 928696

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



757B00



33861D



008C56

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33861D



0083DE



D43A5E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33861D



701D86

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C73F94



33861D



1D73DF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33861D



008BC0



975AC4



C64F2B

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33861D



008D7C



975AC4



D33870



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33861D



8DAD84



866F1D



43573E



D6D6D6



575757



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33861D



2DAD0A



1D863B



3D423C



1B8200



010300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



701D86



8B0AAD



861D68



413C42



670082

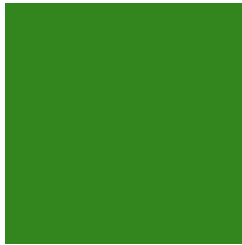


020003



# Previews

## White Background



This preview shows how the Hex color 33861D looks on a white background.

## Color Contrast Check

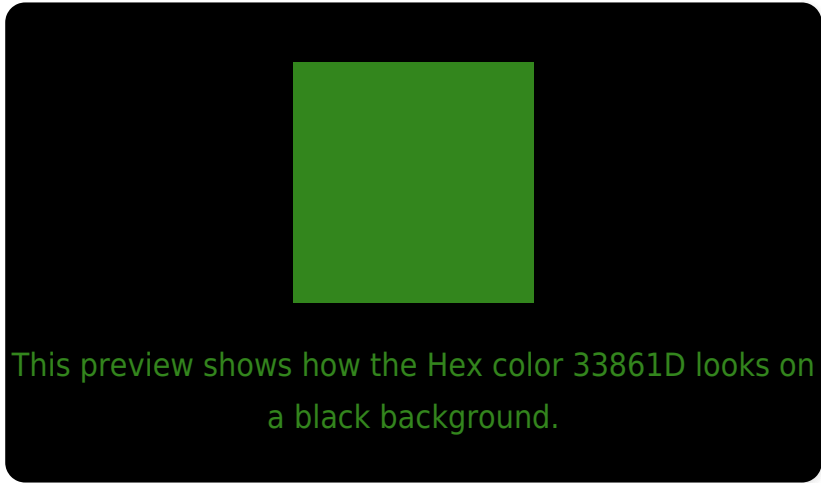
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 33861D Background



This preview shows how black text looks on a background with the Hex color 33861D.



This preview shows how white text looks on a background with the Hex color 33861D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
33861D

**Protanopia**  
837519

**Deuteranopia**  
926F28



**Tritanopia**  
497D87

# Trichromacy



**Original Color**  
33861D



**Protanomaly**  
667B1A



**Deuteranomaly**  
6F7724



**Tritanomaly**  
418060

# Monochromacy



**Original Color**  
33861D



**Achromatopsia**  
616161



**Achromatomaly**  
506E48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 33861D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #33861D looks like.

```
.text, #text, p{  
    color:#33861D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #33861D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33861D
}
```

## Border

The CSS property to change the border of an element to Hex 33861D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33861D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#33861D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #33861D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33861D; -webkit-box-shadow:4px 4px  
4px 4px #33861D; box-shadow:4px 4px 4px  
4px #33861D }
```

# Background

The CSS property to change the background color of an element to Hex 33861D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33861D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#33861D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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