

# Converting Colors

Hex(11280B)

Have a look what the booklet for  
Hex(11280B) contains.

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# Color

**Hex(11280B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11280B
RGB	17, 40, 11
RGB Percent	7%, 16%, 4%
CMY	0.9333, 0.8431, 0.9569
CMYK	0.58, 0.00, 0.73, 0.84
HSL	108°, 57%, 10%
HSV	108°, 72%, 16%
XYZ	1.0504, 1.6609, 0.5818
YIQ	29.8170, -4.3990, -13.8950

# Conversions

## Conversions Part 2

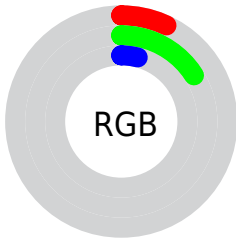
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 40, 34
Decimal	1124363
CIE <sub>Lab</sub>	13.60, -16.20, 15.12
CIE <sub>LCh</sub>	14, 22.160, 136.976
Yxy	1.6609, 0.3190, 0.5044
Android (android.graphics.Color)	4279314443 (0xFF11280B)
YUV	29.8170, -9.2768, -11.2405
Hunter-Lab	12.8877, -8.0054, 6.3446

# Details

The Hex color **11280B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **220B28**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3D5536**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E2807**, and if you desaturate by 10%, it is **14280F**.

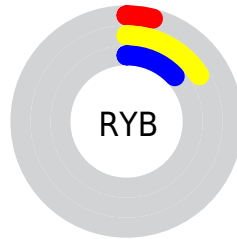
# Distribution



Red (7%)

Green (16%)

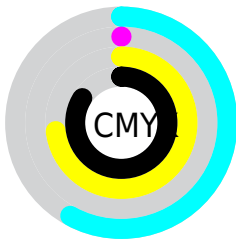
Blue (4%)



Red (4%)

Yellow (16%)

Blue (13%)

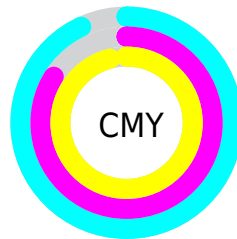


Cyan (58%)

Magenta (0%)

Yellow (73%)

Black (84%)



Cyan (93%)

Magenta (84%)


Yellow (96%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11280B 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 11280B by changing the saturation by 10% instead.



 11280B

 11280B

 F5FFE8

 001500

 3D5536

 000000

 546E4D


 6D8766


 87A27F

 A1BD99

 BCD8B3

 D8F5CF

 11280B

 11280B

■ 0E2807

■ 14280F

■ 0B2803

■ 172813

■ 082800

■ 1B2817

■ 1E281B

■ 21281F

■ 242823

■ 272827

■ 2A282B

■ 2E282F

# Harmonies

## Analogous

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



242500



11280B



002A1B

# Triad

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



11280B



002641



3F151B

# Complementary

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



11280B



220B28

# 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.



3B152A



11280B



162140

# Square

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



11280B



002939



2F1B38



3B190B

# Rectangle

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



11280B



002A26



2F1B38



3F1420



# Sweetspot

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



11280B



2A3328



28220B



141A13



999999



1A1A1A



# Same Dimension

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



11280B



103307



0B2813



131412



115400



2CD400



# Inverse Universe

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



220B28



2A0733



280B20



141214



430054

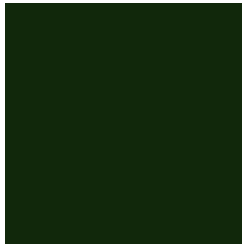


A800D4



# Previews

## White Background



This preview shows how the Hex color 11280B looks on a white background.

## Color Contrast Check

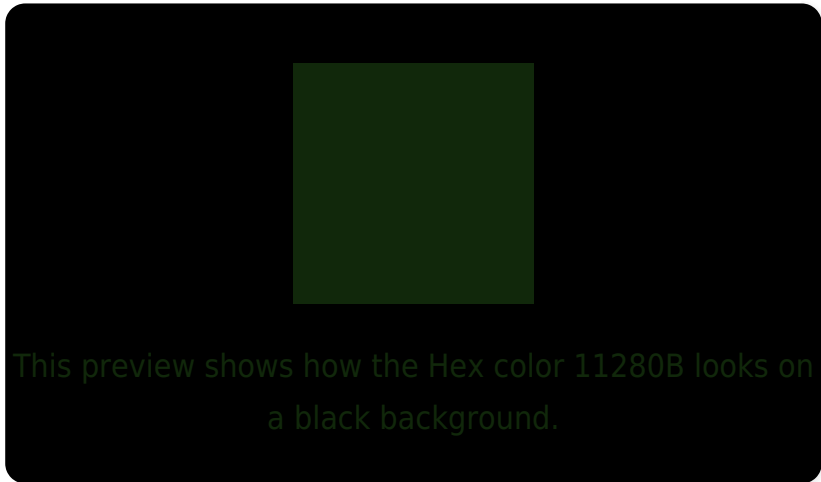
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

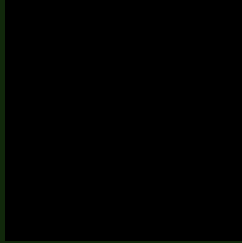
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 11280B Background



This preview shows how black text looks on a background with the Hex color 11280B.



This preview shows how white text looks on a background with the Hex color 11280B.

# 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**  
11280B

**Protanopia**  
27230A

**Deuteranopia**  
2C210E



**Tritanopia**  
172528

# Trichromacy



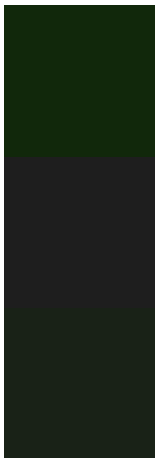
**Original Color**  
11280B

**Protanomaly**  
1F250A

**Deuteranomaly**  
22240D

**Tritanomaly**  
15261D

# Monochromacy



**Original Color**  
11280B

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
192217

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11280B 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 #11280B looks like.

```
.text, #text, p{  
    color:#11280B  
}
```

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 #11280B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11280B  
}
```

## Border

The CSS property to change the border of an element to Hex 11280B 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".

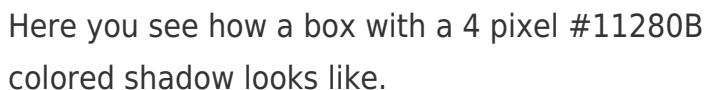
```
.border, #border, table{ border:4px solid  
#11280B }
```

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

```
.border{ border-color:#11280B }
```

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

Here you see how a box with a 4 pixel #11280B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11280B; -webkit-box-shadow:4px 4px  
4px 4px #11280B; box-shadow:4px 4px 4px  
4px #11280B }
```

# Background

The CSS property to change the background color of an element to Hex 11280B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11280B }
```

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

```
.background{ background-color:#11280B }
```

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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