

# Converting Colors

Hex(50280D)

Have a look what the booklet for  
Hex(50280D) contains.

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**Color**

**Hex(50280D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50280D
RGB	80, 40, 13
RGB Percent	31%, 16%, 5%
CMY	0.6863, 0.8431, 0.9490
CMYK	0.00, 0.50, 0.84, 0.69
HSL	24°, 72%, 18%
HSV	24°, 84%, 31%
XYZ	4.1397, 3.2521, 0.7903
YIQ	48.8820, 32.5070, 0.0830

# Conversions

## Conversions Part 2

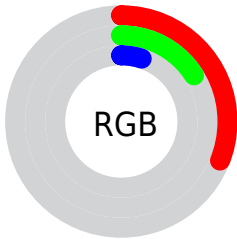
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 58, 13
Decimal	5253133
CIELab	21.03, 16.32, 24.95
CIElCh	21, 29.814, 56.806
Yxy	3.2521, 0.5059, 0.3975
Android (android.graphics.Color)	4283443213 (0xFF50280D)
YUV	48.8820, -17.6898, 27.2905
Hunter-Lab	18.0336, 9.4167, 10.0252

# Details

The Hex color **50280D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D3550**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **855638**, and **200000** is the 20% darker color. If you saturate the color by 10%, you get **502305**, and if you desaturate by 10%, it is **502D15**.

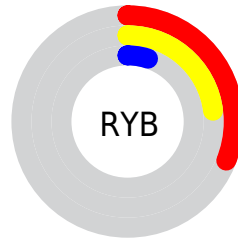
# Distribution



Red (31%)

Green (16%)

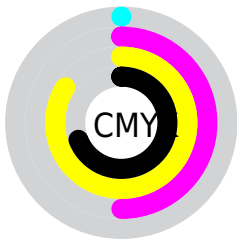
Blue (5%)



Red (31%)

Yellow (23%)

Blue (5%)

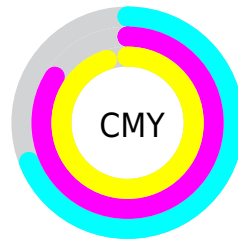


Cyan (0%)

Magenta (50%)

Yellow (84%)

Black (69%)



Cyan (69%)

Magenta (84%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50280D 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 50280D by changing the saturation by 10% instead.



 50280D

 50280D

 FFFFEF

 371300

 855638

 200000

 A06E50

 000000

 BD8868

 D9A281

 F7BD9C

 FFD9B6

 FFF5D2

 50280D

 50280D

■ 502305

■ 502D15

■ 502000

■ 50321D

■ 503625

■ 503B2D

■ 504035

■ 50453D

■ 504945

■ 504E4D

■ 505355

# Harmonies

## Analogous

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



592020



50280D



403100

# Triad

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



50280D



003D2F



2E2E5A

# Complementary

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



50280D



0D3550

# 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.



00365E



50280D



003D46

# Square

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



50280D



093B19



003B57



4B244B

# Rectangle

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



50280D



323502



003B57



1F315D



# Sweetspot

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



50280D



69594E



500D35



362C25



B5B5B5



363636



# Same Dimension

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



50280D



692A00



50490D



292625



E85E00

# Inverse Universe

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



0D3550



003E69



0D1450



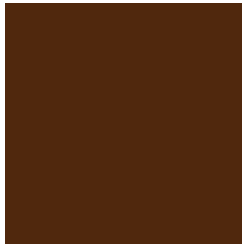
252729



008BE8

# Previews

## White Background



This preview shows how the Hex color 50280D looks on a white background.

## Color Contrast Check

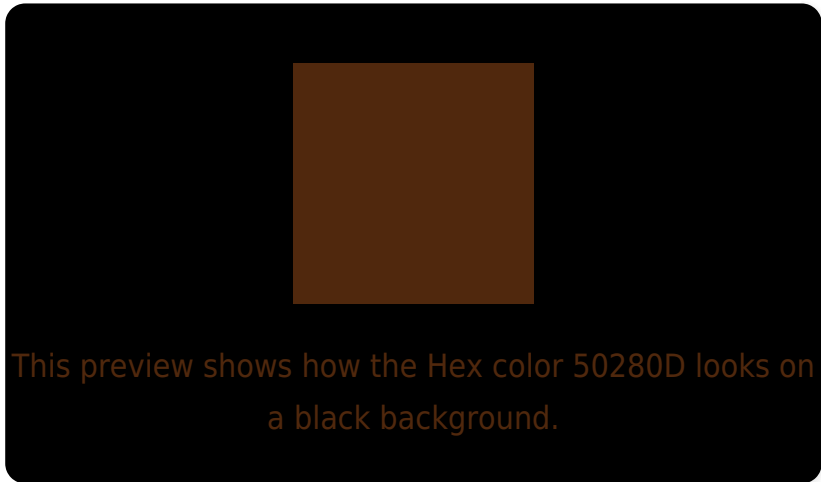
Large Text (above 18pt) WCAG AA ✓ Pass

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 50280D Background



This preview shows how black text looks on a background with the Hex color 50280D.



This preview shows how white text looks on a background with the Hex color 50280D.

# 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**  
50280D

**Protanopia**  
3A3310

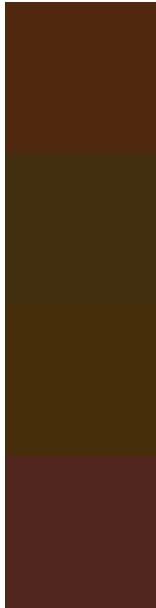
**Deuteranopia**  
413109





**Tritanopia**  
512528

# Trichromacy



**Original Color**  
50280D

**Protanomaly**  
422F0F

**Deuteranomaly**  
462E0A

**Tritanomaly**  
51261E

# Monochromacy



**Original Color**  
50280D

**Achromatopsia**  
313131

**Achromatomaly**  
3C2E24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50280D 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 #50280D looks like.

```
.text, #text, p{  
    color:#50280D  
}
```

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 #50280D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50280D
}
```

## Border

The CSS property to change the border of an element to Hex 50280D is called "border". The border property can be set on classes, ids or directly on the HTML element.

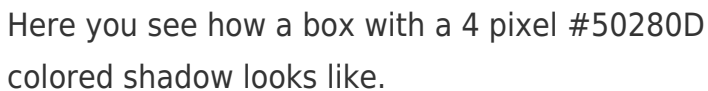
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50280D }
```

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

```
.border{ border-color:#50280D }
```

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



Here you see how a box with a 4 pixel #50280D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50280D; -webkit-box-shadow:4px 4px  
4px 4px #50280D; box-shadow:4px 4px 4px  
4px #50280D }
```

# Background

The CSS property to change the background color of an element to Hex 50280D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50280D }
```

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

```
.background{ background-color:#50280D }
```

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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