

# Converting Colors

Hex(48260D)

Have a look what the booklet for  
Hex(48260D) contains.

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**Color**

**Hex(48260D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48260D
RGB	72, 38, 13
RGB Percent	28%, 15%, 5%
CMY	0.7176, 0.8510, 0.9490
CMYK	0.00, 0.47, 0.82, 0.72
HSL	25°, 69%, 17%
HSV	25°, 82%, 28%
XYZ	3.4382, 2.7930, 0.7387
YIQ	45.3160, 28.2890, -0.5670

# Conversions

## Conversions Part 2

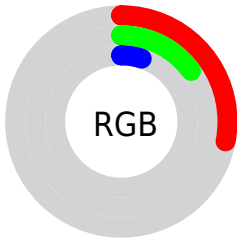
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 56, 13
Decimal	4728333
CIE <sub>Lab</sub>	19.20, 13.66, 22.53
CIE <sub>LCh</sub>	19, 26.347, 58.772
Yxy	2.7930, 0.4933, 0.4007
Android (android.graphics.Color)	4282918413 (0xFF48260D)
YUV	45.3160, -15.9318, 23.4019
Hunter-Lab	16.7123, 7.4766, 9.0781

# Details

The Hex color **48260D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **0D2F48**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7C5338**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **482206**, and if you desaturate by 10%, it is **482A14**.

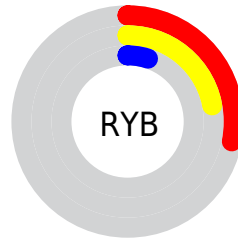
# Distribution



Red (28%)

Green (15%)

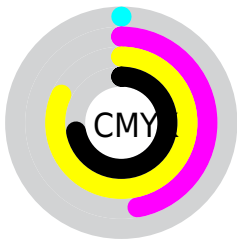
Blue (5%)



Red (28%)

Yellow (22%)

Blue (5%)

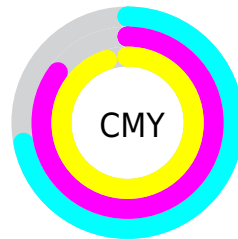


Cyan (0%)

Magenta (47%)

Yellow (82%)

Black (72%)



Cyan (72%)

Magenta (85%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48260D 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 48260D by changing the saturation by 10% instead.



 48260D

 48260D

 FFFFEE

 301100

 7C5338

 160000

 976C4F

 000000

 B28568

 CF9F81

 ECBA9B

 FFD6B6

 FFF2D2

 48260D

 48260D

■ 482206

■ 482A14

■ 481F00

■ 482E1B

■ 483223

■ 48372A

■ 483B31

■ 483F38

■ 48433F

■ 484747

■ 484B4E

# Harmonies

## Analogous

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



501F1D



48260D



3A2D03

# Triad

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



48260D



00382D



2D2A50

# Complementary

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



48260D



0D2F48

# 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.



003155



48260D



003840

# Square

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



48260D



0A361A



00364F



452243

# Rectangle

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



48260D



2D3105



00364F



222C53



# Sweetspot

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



48260D



5E5147



480D2F



302822



B0B0B0



303030



# Same Dimension

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



48260D



5E2902



48430D



242220



632A00



E36000



# Inverse Universe

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



0D2F48



02375E



0D1248



202224



003963

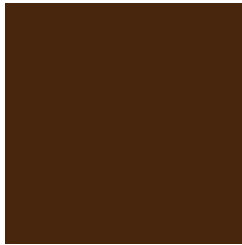


0083E3



# Previews

## White Background



This preview shows how the Hex color 48260D looks on a white background.

## Color Contrast Check

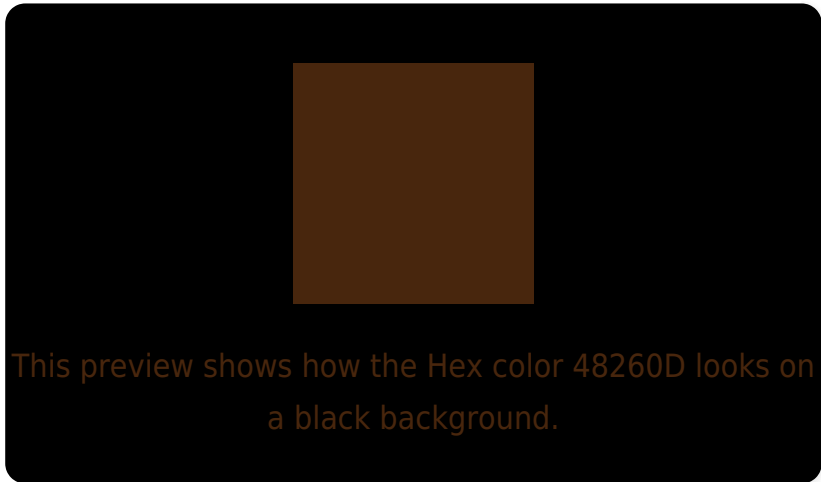
Large Text (above 18pt) WCAG AA ✓ Pass

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

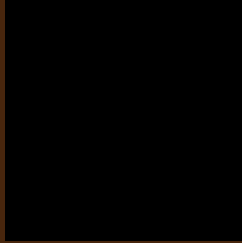
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 48260D Background



This preview shows how black text looks on a background with the Hex color 48260D.



This preview shows how white text looks on a background with the Hex color 48260D.

# 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**  
48260D

**Protanopia**  
352F0F

**Deuteranopia**  
3C2D0A



**Tritanopia**  
492426

# Trichromacy



**Original Color**  
48260D

**Protanomaly**  
3C2C0E

**Deuteranomaly**  
402A0B

**Tritanomaly**  
49251D

# Monochromacy



**Original Color**  
48260D

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
372A21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48260D 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 #48260D looks like.

```
.text, #text, p{  
    color:#48260D  
}
```

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 #48260D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48260D
}
```

## Border

The CSS property to change the border of an element to Hex 48260D 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".

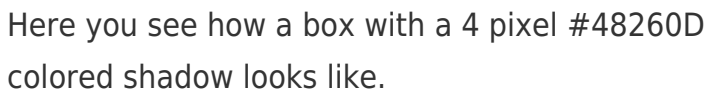
```
.border, #border, table{ border:4px solid
#48260D }
```

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

```
.border{ border-color:#48260D }
```

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

Here you see how a box with a 4 pixel #48260D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48260D; -webkit-box-shadow:4px 4px  
4px 4px #48260D; box-shadow:4px 4px 4px  
4px #48260D }
```

# Background

The CSS property to change the background color of an element to Hex 48260D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48260D }
```

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

```
.background{ background-color:#48260D }
```

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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