

# Converting Colors

Hex(D47211)

Have a look what the booklet for  
Hex(D47211) contains.

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**Color**

**Hex(D47211)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D47211
RGB	212, 114, 17
RGB Percent	83%, 45%, 7%
CMY	0.1686, 0.5529, 0.9333
CMYK	0.00, 0.46, 0.92, 0.17
HSL	30°, 85%, 45%
HSV	30°, 92%, 83%
XYZ	33.2699, 26.0721, 3.8092
YIQ	132.2440, 89.5450, -9.3910

# Conversions

## Conversions Part 2

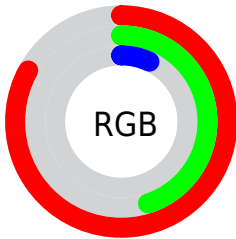
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 210, 17
Decimal	13922833
CIE Lab	58.11, 32.96, 62.36
CIE LCh	58, 70.530, 62.142
Yxy	26.0721, 0.5268, 0.4129
Android (android.graphics.Color)	4292112913 (0xFFD47211)
YUV	132.2440, -56.8153, 69.9460
Hunter-Lab	51.0609, 26.9491, 31.3195

# Details

The Hex color **D47211** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1173D4**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFA74B**, and **974000** is the 20% darker color. If you saturate the color by 10%, you get **D46900**, and if you desaturate by 10%, it is **D47D26**.

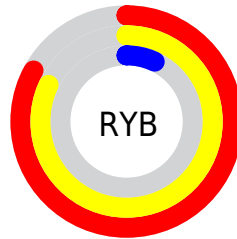
# Distribution



Red (83%)

Green (45%)

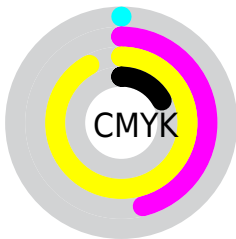
Blue (7%)



Red (83%)

Yellow (82%)

Blue (7%)

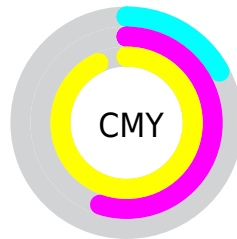


Cyan (0%)

Magenta (46%)

Yellow (92%)

Black (17%)



Cyan (17%)

Magenta (55%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D47211 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 D47211 by changing the saturation by 10% instead.



 D47211

 D47211

FFFFFF

 B55900

 FFA74B

 974000

 FFC265

 782800

 FFDF80

 5B0F00

 FFFB9B

 3F0000

 FFFFB7

 260001

 FFFFD3

 000000

 FFFFF0

 D47211

 D47211

 D46900

 D47D26

 D4873B

 D49251

 D49D66

 D4A77B

 D4B290

 D4BDA5

 D4C7BB

 D4D2D0

# Harmonies

## Analogous

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



F3554E



D47211



A48A00

# Triad

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



D47211



00A78E



8F79F5

# Complementary

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



D47211



1173D4

# 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.



0092FF



D47211



00A7CC

# Square

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



D47211



00A34E



00A1F9



D85AC6

# Rectangle

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



D47211



7C9600



00A1F9



6582FF



# Sweetspot

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



D47211



FFDBB8



D41176



806A54



000000



808080



# Same Dimension

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



D47211



FF7F00



D4D111



6B6660



AB5500



2B1600



# Inverse Universe

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



1173D4



0080FF



1114D4



60666B



0056AB



00162B



# Previews

## White Background



This preview shows how the Hex color D47211 looks on a white background.

## Color Contrast Check

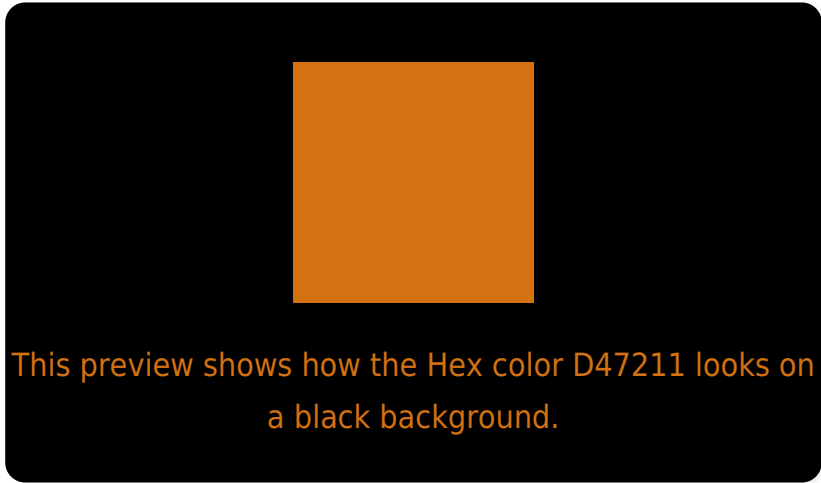
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

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 D47211 Background



This preview shows how black text looks on a background with the Hex color D47211.



This preview shows how white text looks on a background with the Hex color D47211.

# 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**  
D47211

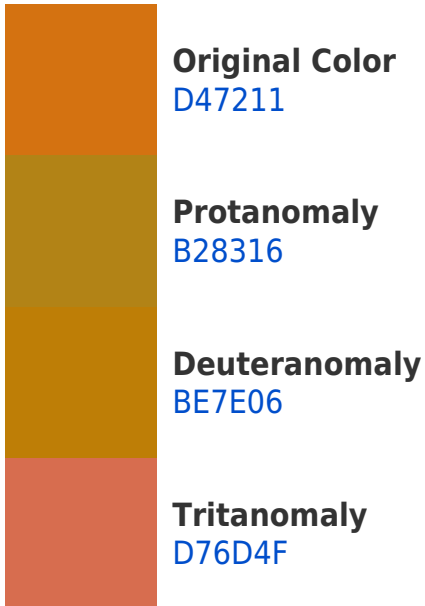
**Protanopia**  
9E8D19

**Deuteranopia**  
B18500



**Tritanopia**  
D86A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D47211 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 #D47211 looks like.

```
.text, #text, p{  
    color:#D47211  
}
```

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 #D47211 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47211
}
```

## Border

The CSS property to change the border of an element to Hex D47211 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
#D47211 }
```

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

```
.border{ border-color:#D47211 }
```

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

Here you see how a box with a 4 pixel #D47211 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47211; -webkit-box-shadow:4px 4px  
4px 4px #D47211; box-shadow:4px 4px 4px  
4px #D47211 }
```

# Background

The CSS property to change the background color of an element to Hex D47211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47211 }
```

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

```
.background{ background-color:#D47211 }
```

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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