

# Converting Colors

Hex(D27B12)

Have a look what the booklet for  
Hex(D27B12) contains.

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**Color**

**Hex(D27B12)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D27B12
RGB	210, 123, 18
RGB Percent	82%, 48%, 7%
CMY	0.1765, 0.5176, 0.9294
CMYK	0.00, 0.41, 0.91, 0.18
HSL	33°, 84%, 45%
HSV	33°, 91%, 82%
XYZ	33.7705, 27.9112, 4.1798
YIQ	137.0430, 85.5570, -14.2110

# Conversions

## Conversions Part 2

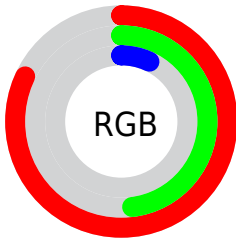
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 210, 18
Decimal	13794066
CIELab	59.81, 27.38, 63.24
CIELCh	60, 68.908, 66.592
Yxy	27.9112, 0.5128, 0.4238
Android (android.graphics.Color)	4291984146 (0xFFD27B12)
YUV	137.0430, -58.6882, 63.9833
Hunter-Lab	52.8311, 21.6457, 32.2910

# Details

The Hex color **D27B12** 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 **1269D2**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFB04D**, and **954900** is the 20% darker color. If you saturate the color by 10%, you get **D27300**, and if you desaturate by 10%, it is **D28527**.

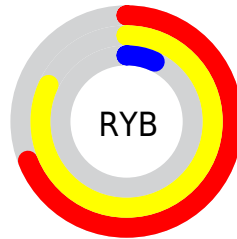
# Distribution



Red (82%)

Green (48%)

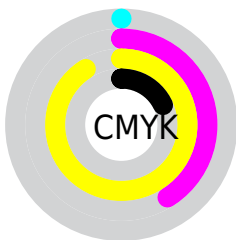
Blue (7%)



Red (69%)

Yellow (82%)

Blue (7%)

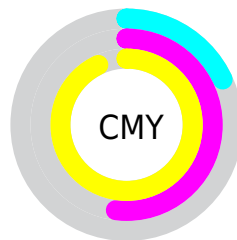


Cyan (0%)

Magenta (41%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D27B12 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 D27B12 by changing the saturation by 10% instead.



 D27B12

 D27B12

FFFFFF

 B36200

 FFB04D

 954900

 FFCC67

 773200

 FFE882

 5A1B00

 FFFF9E

 3E0300

 FFFFBA

 280001

 FFFFD6

 000000

 FFFFF3

 D27B12

 D27B12

 D27300

 D28527

 D28E3C

 D29851

 D2A166

 D2AB7B

 D2B490

 D2BEA5

 D2C7BA

 D2D1CF

# Harmonies

## Analogous

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



F3604B



D27B12



A09200

# Triad

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



D27B12



00AC9C



A27AF2

# Complementary

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



D27B12



1269D2

# 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.



0093FF



D27B12



00ABD7

# Square

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



D27B12



00A95D



00A3FF



E35DC2

# Rectangle

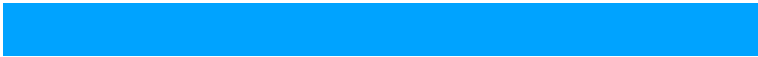
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D27B12



789C05



00A3FF



8083FD



# Sweetspot

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



D27B12



FFE0BA



D2126C



806D57



000000



808080



# Same Dimension

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



D27B12



FF8B00



CCD212



69645E



A85C00



291600



# Inverse Universe

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



1269D2



0074FF



1812D2



5E6369



004CA8



001229



# Previews

## White Background



This preview shows how the Hex color D27B12 looks on a white background.

## Color Contrast Check

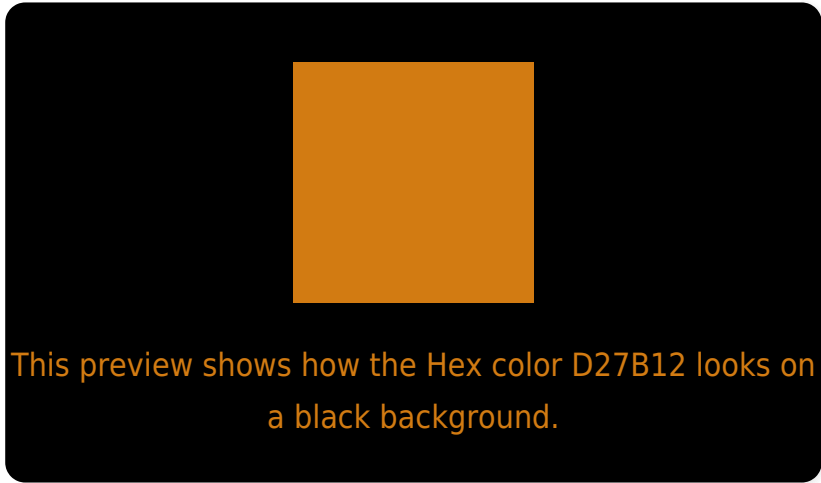
Large Text (above 18pt) WCAG AA ✓ Pass

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 D27B12 Background



This preview shows how black text looks on a background with the Hex color D27B12.



This preview shows how white text looks on a background with the Hex color D27B12.

# 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



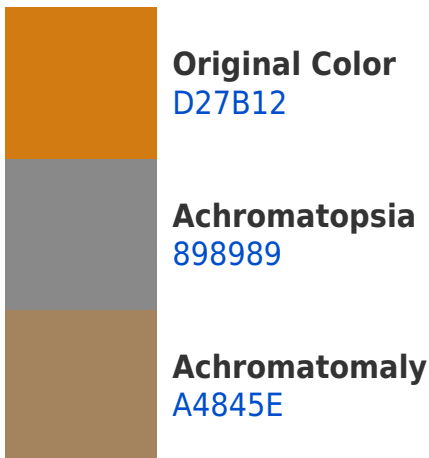


**Tritanopia**  
D6727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D27B12 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 #D27B12 looks like.

```
.text, #text, p{  
    color:#D27B12  
}
```

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 #D27B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D27B12
}
```

## Border

The CSS property to change the border of an element to Hex D27B12 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
#D27B12 }
```

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

```
.border{ border-color:#D27B12 }
```

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

Here you see how a box with a 4 pixel #D27B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D27B12; -webkit-box-shadow:4px 4px  
4px 4px #D27B12; box-shadow:4px 4px 4px  
4px #D27B12 }
```

# Background

The CSS property to change the background color of an element to Hex D27B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D27B12 }
```

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

```
.background{ background-color:#D27B12 }
```

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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