

Converting Colors

Hex(C47D27)

Have a look what the booklet for
Hex(C47D27) contains.

Hex(C47D27)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C47D27)

Conversions

Conversions Part 1

Format	Color
Hex	C47D27
RGB	196, 125, 39
RGB Percent	77%, 49%, 15%
CMY	0.2314, 0.5098, 0.8471
CMYK	0.00, 0.36, 0.80, 0.23
HSL	33°, 67%, 46%
HSV	33°, 80%, 77%
XYZ	30.4648, 26.5495, 5.4383
YIQ	136.4250, 69.9220, -11.6940

Conversions

Conversions Part 2

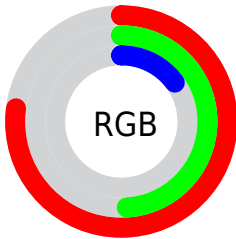
Format	Color
RYB	169, 196, 39
Decimal	12877095
CIELab	58.55, 20.82, 54.89
CIElCh	59, 58.706, 69.224
Yxy	26.5495, 0.4878, 0.4251
Android (android.graphics.Color)	4291067175 (0xFFC47D27)
YUV	136.4250, -48.0305, 52.2473
Hunter-Lab	51.5262, 15.3670, 29.8105

Details

The Hex color **C47D27** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **276EC4**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFB25B**, and **894C00** is the 20% darker color. If you saturate the color by 10%, you get **C47413**, and if you desaturate by 10%, it is **C4863B**.

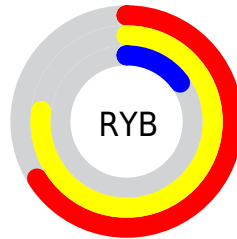
Distribution



Red (77%)

Green (49%)

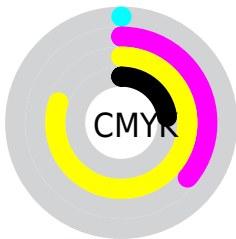
Blue (15%)



Red (66%)

Yellow (77%)

Blue (15%)

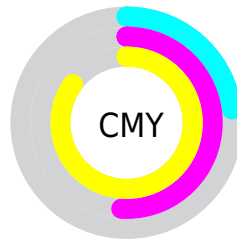


Cyan (0%)

Magenta (36%)

Yellow (80%)

Black (23%)



Cyan (23%)

Magenta (51%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C47D27 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 C47D27 by changing the saturation by 10% instead.

 C47D27

 C47D27

FFFFFF

 A66407

 FFB25B

 894C00

 FFCD75

 6C3500

 FFEA90

 501F00

 FFFFAB

 350900

 FFFFC7

 1C0001

 FFFFE4

 000000

 C47D27

 C47D27

 C47413

 C4863B

 C46B00

 C48F4E

 C49862

 C4A075

 C4A989

 C4B29D

 C4BBB0

 C4C4C4

 C4CDD7

Harmonies

Analogous

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



E1684E



C47D27



988F18

Triad

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



C47D27



00A59C



A478DD

Complementary

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



C47D27



276EC4

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.



3B8DF3



C47D27



00A4CD

Square

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



C47D27



00A366



009CED



D763B2

Rectangle

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



C47D27



75982A



009CED



8A80E7

Sweetspot

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



C47D27



FFE3C2



C42770



806F5B



000000



808080

Same Dimension

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



C47D27



FF900A



BFC427



615D57



A15800



211200

Inverse Universe

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



276EC4



0A79FF



2C27C4



575C61



0049A1



000F21

Previews

White Background



This preview shows how the Hex color C47D27 looks on a white background.

Color Contrast Check

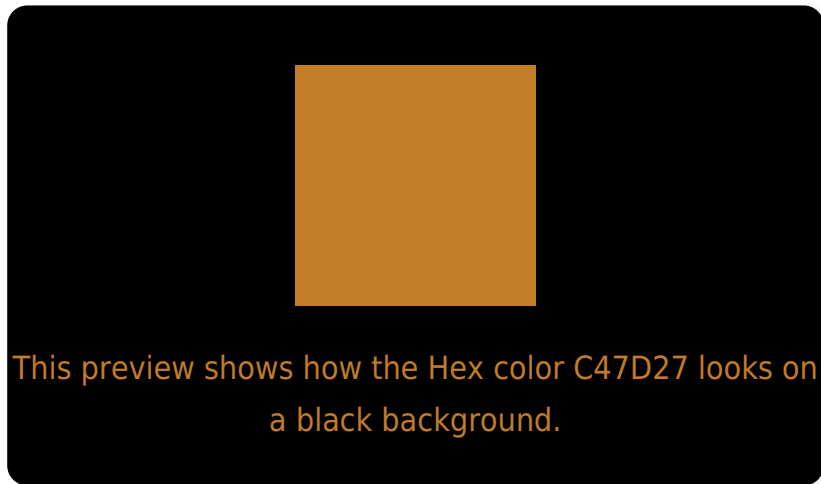
Large Text (above 18pt) WCAG AA ✓ Pass

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 C47D27 Background



This preview shows how black text looks on a background with the Hex color C47D27.



This preview shows how white text looks on a background with the Hex color C47D27.

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
C47D27

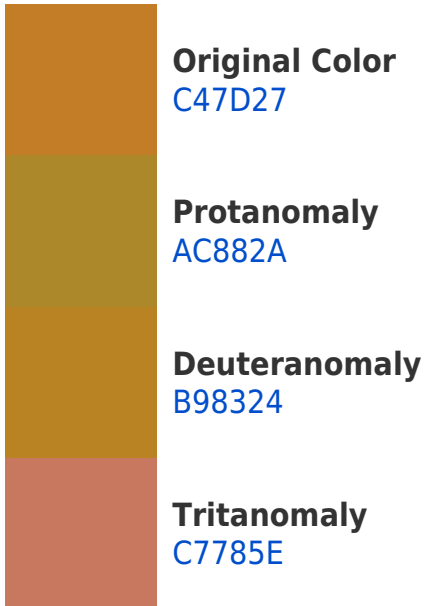
Protanopia
9E8E2B

Deuteranopia
B28623

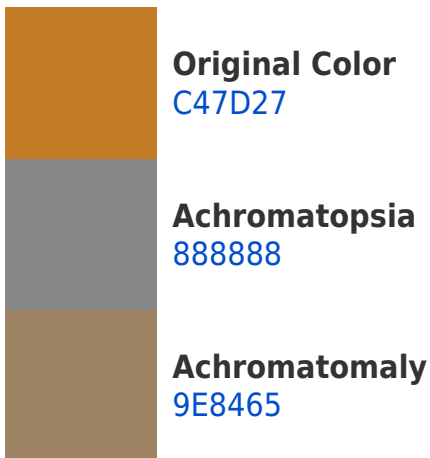


Tritanopia
C9757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C47D27 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 #C47D27 looks like.

```
.text, #text, p{  
    color:#C47D27  
}
```

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 #C47D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47D27
}
```

Border

The CSS property to change the border of an element to Hex C47D27 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
#C47D27 }
```

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

```
.border{ border-color:#C47D27 }
```

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

Here you see how a box with a 4 pixel #C47D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47D27; -webkit-box-shadow:4px 4px  
4px 4px #C47D27; box-shadow:4px 4px 4px  
4px #C47D27 }
```

Background

The CSS property to change the background color of an element to Hex C47D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47D27 }
```

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

```
.background{ background-color:#C47D27 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor