

Converting Colors

Hex(C47266)

Have a look what the booklet for
Hex(C47266) contains.

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Color

Hex(C47266)

Conversions

Conversions Part 1

Format	Color
Hex	C47266
RGB	196, 114, 102
RGB Percent	77%, 45%, 40%
CMY	0.2314, 0.5529, 0.6000
CMYK	0.00, 0.42, 0.48, 0.23
HSL	8°, 44%, 58%
HSV	8°, 48%, 77%
XYZ	31.1805, 24.7297, 15.7003
YIQ	137.1500, 52.7240, 13.6520

Conversions

Conversions Part 2

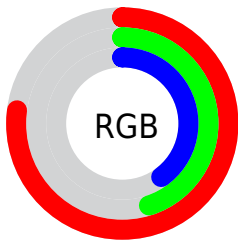
Format	Color
RYB	196, 116, 102
Decimal	12874342
CIELab	56.81, 31.00, 20.66
CIELCh	57, 37.253, 33.681
Yxy	24.7297, 0.4354, 0.3453
Android (android.graphics.Color)	4291064422 (0xFFC47266)
YUV	137.1500, -17.3289, 51.6115
Hunter-Lab	49.7290, 24.8955, 16.0914

Details

The Hex color **C47266** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66B8C4**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA799**, and **8B4037** is the 20% darker color. If you saturate the color by 10%, you get **C46152**, and if you desaturate by 10%, it is **C4837A**.

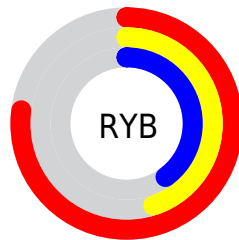
Distribution



Red (77%)

Green (45%)

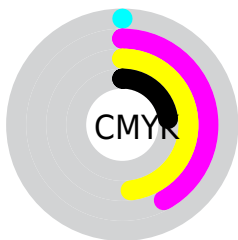
Blue (40%)



Red (77%)

Yellow (45%)

Blue (40%)

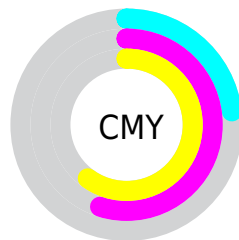


Cyan (0%)

Magenta (42%)

Yellow (48%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C47266 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 C47266 by changing the saturation by 10% instead.

 C47266

 C47266

FFFFFF

 A7594E

 FFA799

 8B4037

 FFC2B4

 6F2821

 FFDFCF

 540F0C

 FFFCEC

 3A0000

 1F0001

 000000

 C47266

 C47266

 C46152

 C4837A

 C4503F

 C4948D

 C43F2B

 C4A5A1

 C42E18

 C4B6B4

 C41D04

 C4C7C8

 C41900

 C4D9DC

 C4EAEF

 C4FBFF

 C4FFFF

Harmonies

Analogous

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



C56E86



C47266



B47C4F

Triad

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



C47266



4E976A



5C8AC9

Complementary

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



C47266



66B8C4

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.



0093C2



C47266



00998B

Square

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



C47266



779151



0098AB



917EBE

Rectangle

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



C47266



A38447



0098AB



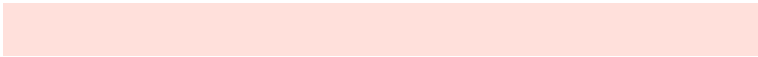
468EC8

Sweetspot

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



C47266



FFE0DB



C466B9



806D6A



000000



808080

Same Dimension

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



C47266



FF7E6B



C4A066



615857



A11500



210400

Inverse Universe

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



66B8C4



6BECFF



668AC4



576061



008CA1



001D21

Previews

White Background



This preview shows how the Hex color C47266 looks on a white background.

Color Contrast Check

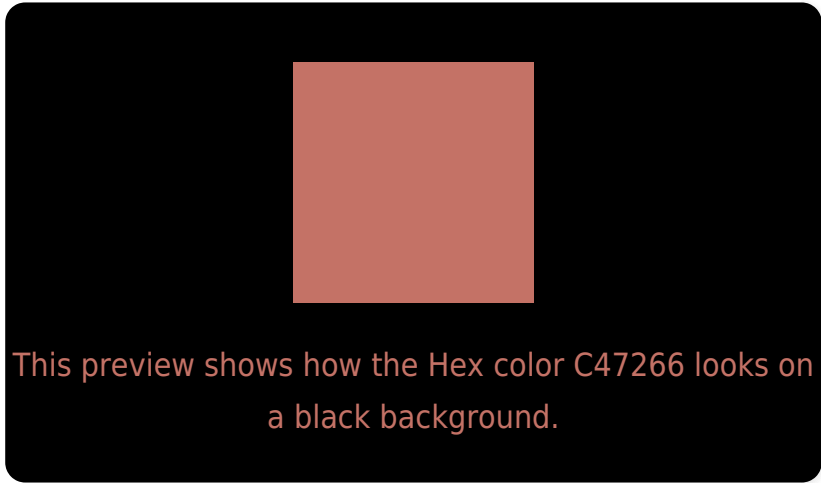
Large Text (above 18pt) WCAG AA ✓ Pass

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 C47266 Background



This preview shows how black text looks on a background with the Hex color C47266.

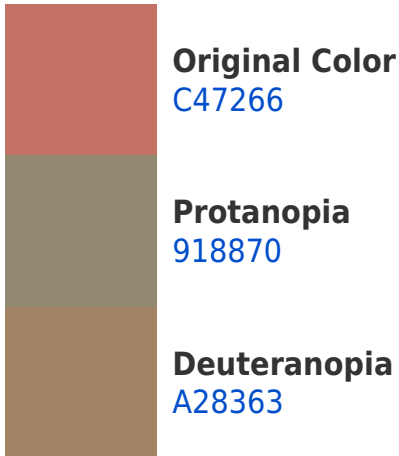


This preview shows how white text looks on a background with the Hex color C47266.

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
C56F78

Trichromacy



Original Color
C47266

Protanomaly
A4806C

Deuteranomaly
AE7D64

Tritanomaly
C57071

Monochromacy



Original Color
C47266

Achromatopsia
898989

Achromatomaly
9E817C

CSS Examples

Text

The CSS property to change the color of the text to Hex C47266 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 #C47266 looks like.

```
.text, #text, p{  
    color:#C47266  
}
```

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 #C47266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47266
}
```

Border

The CSS property to change the border of an element to Hex C47266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

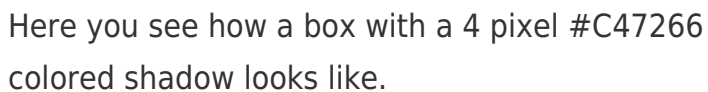
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C47266 }
```

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

```
.border{ border-color:#C47266 }
```

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



Here you see how a box with a 4 pixel #C47266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47266; -webkit-box-shadow:4px 4px  
4px 4px #C47266; box-shadow:4px 4px 4px  
4px #C47266 }
```

Background

The CSS property to change the background color of an element to Hex C47266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47266 }
```

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

```
.background{ background-color:#C47266 }
```

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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