

Converting Colors

Hex(C46826)

Have a look what the booklet for
Hex(C46826) contains.

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Color

Hex(C46826)

Conversions

Conversions Part 1

Format	Color
Hex	C46826
RGB	196, 104, 38
RGB Percent	77%, 41%, 15%
CMY	0.2314, 0.5922, 0.8510
CMYK	0.00, 0.47, 0.81, 0.23
HSL	25°, 68%, 46%
HSV	25°, 81%, 77%
XYZ	28.0651, 21.7763, 4.5578
YIQ	123.9840, 76.0180, -1.0220

Conversions

Conversions Part 2

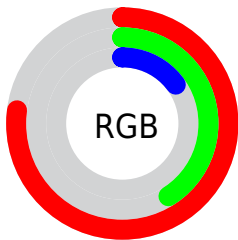
Format	Color
R_{YB}	196, 151, 38
Decimal	12871718
CIE _{Lab}	53.79, 32.14, 50.88
CIE _{LCh}	54, 60.181, 57.725
Yxy	21.7763, 0.5159, 0.4003
Android (android.graphics.Color)	4291061798 (0xFFC46826)
YUV	123.9840, -42.3901, 63.1580
Hunter-Lab	46.6651, 25.6887, 26.8747

Details

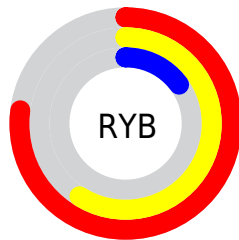
The Hex color **C46826** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2682C4**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9C58**, and **883700** is the 20% darker color. If you saturate the color by 10%, you get **C45D12**, and if you desaturate by 10%, it is **C4733A**.

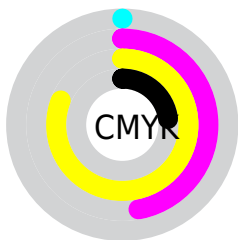
Distribution



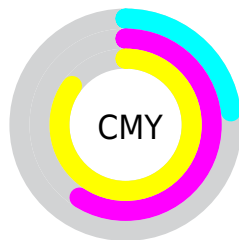
- Red (77%)
- Green (41%)
- Blue (15%)



- Red (77%)
- Yellow (59%)
- Blue (15%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (23%)



- Cyan (23%)
- Magenta (59%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C46826 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 C46826 by changing the saturation by 10% instead.

 C46826

 C46826

FFFFFF

 A64F09

 FF9C58

 883700

 FFB872

 6B1F00

 FFD38C

 4E0400

 FFF0A7

 330000

 FFFFFC3

 0E0000

 FFFFDF

 000000

 FFFFFC

 C46826

 C46826

 C45D12

 C4733A

 C45200

 C47F4D

 C48A61

 C49674

 C4A188

 C4AC9C

 C4B8AF

 C4C3C3

 C4CFD6

Harmonies

Analogous

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



DB5354



C46826



9D7D00

Triad

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



C46826



00987B



7874DD

Complementary

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



C46826



2682C4

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.



0088E9



C46826



0098B0

Square

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



C46826



0B9446



0093D8



BB5CB9

Rectangle

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



C46826



7D8704



0093D8



537CE4

Sweetspot

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



C46826



FFDBC2



C42682



806A5B



000000



808080

Same Dimension

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



C46826



FF6F08



C4B726



615B57



A14300



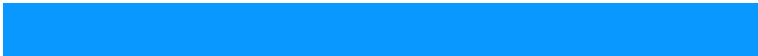
210E00

Inverse Universe

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



2682C4



0898FF



2633C4



575D61



005EA1



001321

Previews

White Background



This preview shows how the Hex color C46826 looks on a white background.

Color Contrast Check

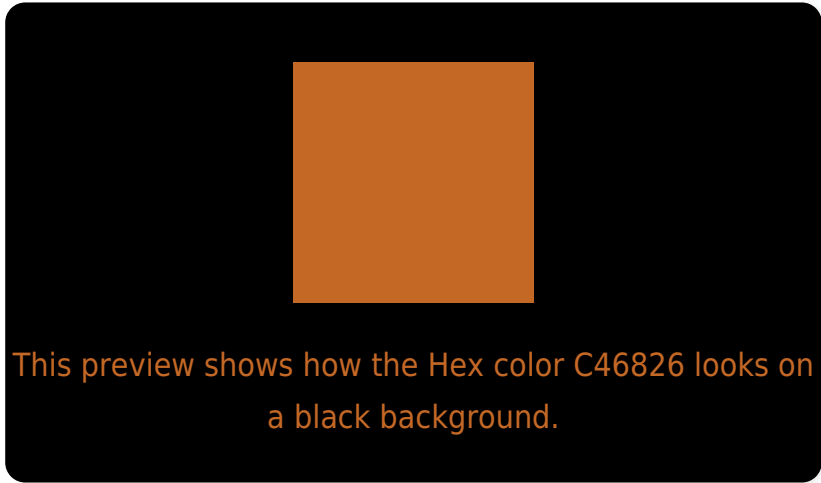
Large Text (above 18pt) WCAG AA ✓ Pass

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

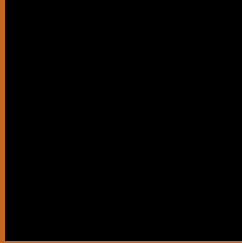
Any Text WCAG AA ✓ Pass

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 C46826 Background



This preview shows how black text looks on a background with the Hex color C46826.



This preview shows how white text looks on a background with the Hex color C46826.

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
C46826

Protanopia
90812D

Deuteranopia
A27A1F



Tritanopia
C76168

Trichromacy



Original Color
C46826

Protanomaly
A3782A

Deuteranomaly
AE7322

Tritanomaly
C66450

Monochromacy



Original Color
C46826

Achromatopsia
7C7C7C

Achromatomaly
96755D

CSS Examples

Text

The CSS property to change the color of the text to Hex C46826 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 #C46826 looks like.

```
.text, #text, p{  
    color:#C46826  
}
```

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 #C46826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46826
}
```

Border

The CSS property to change the border of an element to Hex C46826 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
#C46826 }
```

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

```
.border{ border-color:#C46826 }
```

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

Here you see how a box with a 4 pixel #C46826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46826; -webkit-box-shadow:4px 4px  
4px 4px #C46826; box-shadow:4px 4px 4px  
4px #C46826 }
```

Background

The CSS property to change the background color of an element to Hex C46826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46826 }
```

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

```
.background{ background-color:#C46826 }
```

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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