

Converting Colors

Hex(C86200)

Have a look what the booklet for
Hex(C86200) contains.

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Color

Hex(C86200)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C86200 |
| RGB | 200, 98, 0 |
| RGB Percent | 78%, 38%, 0% |
| CMY | 0.2157, 0.6157, 1.0000 |
| CMYK | 0.00, 0.51, 1.00, 0.22 |
| HSL | 29°, 100%, 39% |
| HSV | 29°, 100%, 78% |
| XYZ | 28.1871, 21.0147, 2.5706 |
| YIQ | 117.3260, 92.2500, -8.8540 |

Conversions

Conversions Part 2

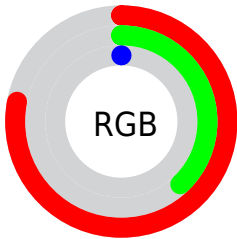
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 200, 192, 0 |
| Decimal | 13132288 |
| CIELab | 52.97, 36.17, 61.53 |
| CIELCh | 53, 71.373, 59.554 |
| Yxy | 21.0147, 0.5444, 0.4059 |
| Android (android.graphics.Color) | 4291322368 (0xFFC86200) |
| YUV | 117.3260, -57.8417, 72.5051 |
| Hunter-Lab | 45.8418, 29.5324, 28.7645 |

Details

The Hex color **C86200** 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 **0066C8**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF9640**, and **8B3000** is the 20% darker color. If you saturate the color by 10%, you get **C86200**, and if you desaturate by 10%, it is **C86C14**.

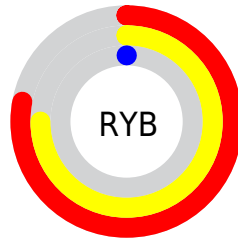
Distribution



Red (78%)

Green (38%)

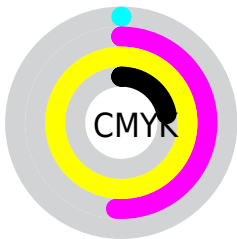
Blue (0%)



Red (78%)

Yellow (75%)

Blue (0%)

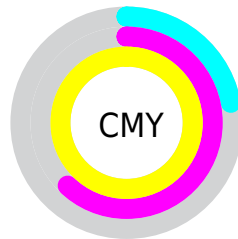


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C86200 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 C86200 by changing the saturation by 10% instead.

 C86200

 C86200

FFFFFF

 A94900

 FF9640

 8B3000

 FFB15A

 6C1700

 FFCD74

 4F0000

 FFEA8F

 350000

 FFFFAB

 0F0000

 FFFFC7

 000000

 FFFF E3

 C86200

 C86C14

 C87628

 C8813C

 C88B50

 C89564

 C89F78

 C8A98C

 C8B4A0

 C8BEB4

Harmonies

Analogous

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



E54346



C86200



997C00

Triad

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



C86200



00997C



766EEA

Complementary

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



C86200



0066C8

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.



0087FA



C86200



0099BA

Square

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



C86200



00953B



0094E8



C64DBE

Rectangle

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



C86200



738800



0094E8



4378F3

Sweetspot

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



C86200



FFD8B3



C80067



806852



000000



808080

Same Dimension

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



C86200



FF7D00



C8C500



635E5A



A35000



241100

Inverse Universe

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



0066C8



0082FF



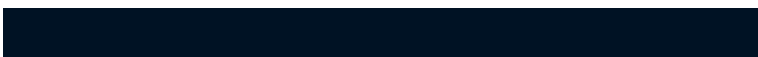
0003C8



5A5F63



0053A3



001224

Previews

White Background



This preview shows how the Hex color C86200 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 C86200 Background



This preview shows how black text looks on a background with the Hex color C86200.



This preview shows how white text looks on a background with the Hex color C86200.

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
C86200

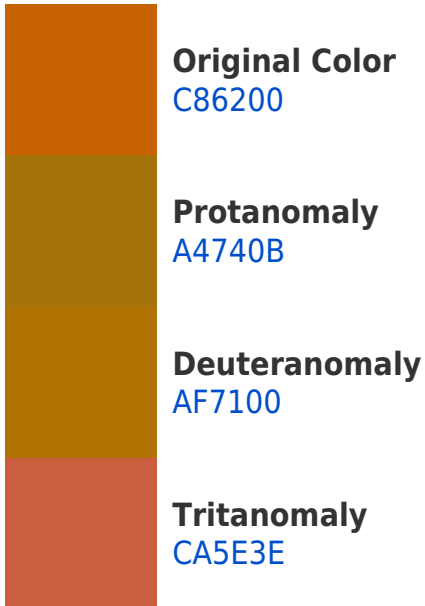
Protanopia
8F7F12

Deuteranopia
A17900



Tritanopia
CB5B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C86200 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 #C86200 looks like.

```
.text, #text, p{  
    color:#C86200  
}
```

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 #C86200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C86200
}
```

Border

The CSS property to change the border of an element to Hex C86200 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
#C86200 }
```

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

```
.border{ border-color:#C86200 }
```

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

Here you see how a box with a 4 pixel #C86200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C86200; -webkit-box-shadow:4px 4px  
4px 4px #C86200; box-shadow:4px 4px 4px  
4px #C86200 }
```

Background

The CSS property to change the background color of an element to Hex C86200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C86200 }
```

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

```
.background{ background-color:#C86200 }
```

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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