

Converting Colors

Hex(C86204)

Have a look what the booklet for
Hex(C86204) contains.

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Color

Hex(C86204)

Conversions

Conversions Part 1

Format	Color
Hex	C86204
RGB	200, 98, 4
RGB Percent	78%, 38%, 2%
CMY	0.2157, 0.6157, 0.9843
CMYK	0.00, 0.51, 0.98, 0.22
HSL	29°, 96%, 40%
HSV	29°, 98%, 78%
XYZ	28.2090, 21.0235, 2.6860
YIQ	117.7820, 90.9660, -7.6100

Conversions

Conversions Part 2

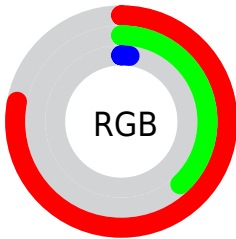
Format	Color
RYB	200, 185, 4
Decimal	13132292
CIELab	52.98, 36.21, 60.70
CIELCh	53, 70.682, 59.182
Yxy	21.0235, 0.5433, 0.4049
Android (android.graphics.Color)	4291322372 (0xFFC86204)
YUV	117.7820, -56.0945, 72.1052
Hunter-Lab	45.8514, 29.5781, 28.6227

Details

The Hex color **C86204** 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 **046AC8**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF9642**, and **8B3000** is the 20% darker color. If you saturate the color by 10%, you get **C86000**, and if you desaturate by 10%, it is **C86C18**.

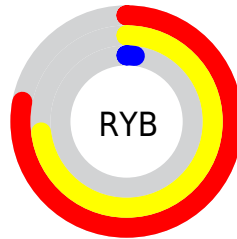
Distribution



Red (78%)

Green (38%)

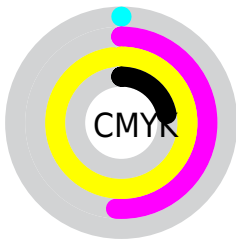
Blue (2%)



Red (78%)

Yellow (73%)

Blue (2%)

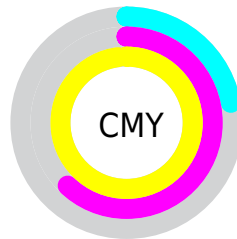


Cyan (0%)

Magenta (51%)

Yellow (98%)

Black (22%)



Cyan (22%)

Magenta (62%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C86204 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 C86204 by changing the saturation by 10% instead.

 C86204

 C86204

FFFFFF

 A94900

 FF9642

 8B3000

 FFB15C

 6D1700

 FFCD76

 4F0000

 FFEA91

 350000

 FFFFAD

 0F0000

 FFFFC9

 000000

 FFFF E5

 C86204

 C86204

 C86000

 C86C18

 C8772C

 C88140

 C88C54

 C89668

 C8A07C

 C8AB90

 C8B5A4

 C8C0B8

Harmonies

Analogous

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



E44347



C86204



9A7B00

Triad

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



C86204



00997B



756FEA

Complementary

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



C86204



046AC8

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.



0087F9



C86204



0099B8

Square

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



C86204



00953B



0094E7



C44FBE

Rectangle

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



C86204



748700



0094E7



4278F2

Sweetspot

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



C86204



FFD9B5



C8046D



806853



000000



808080

Same Dimension

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



C86204



FF7A00



C8C104



635E5A



A34E00



241100

Inverse Universe

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



046AC8



0085FF



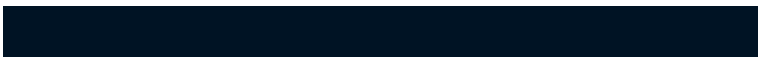
040BC8



5A5F63



0055A3



001324

Previews

White Background



This preview shows how the Hex color C86204 looks on a white background.

Color Contrast Check

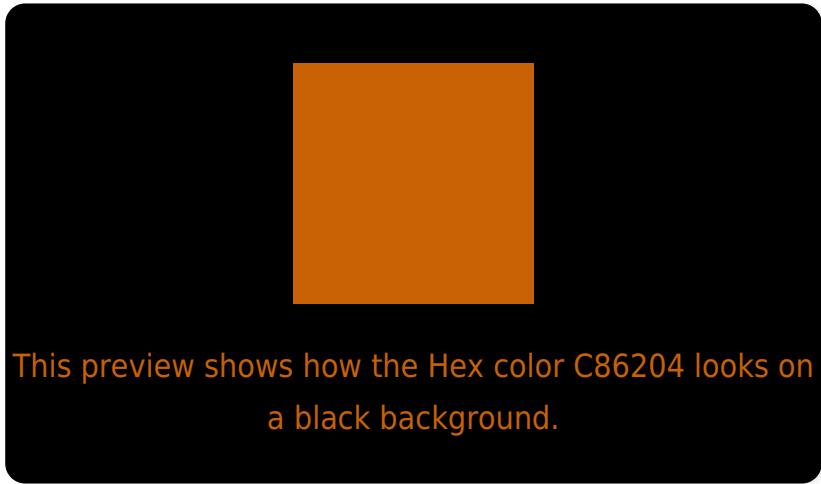
Large Text (above 18pt) WCAG AA ✓ Pass

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 C86204 Background



This preview shows how black text looks on a background with the Hex color C86204.



This preview shows how white text looks on a background with the Hex color C86204.

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

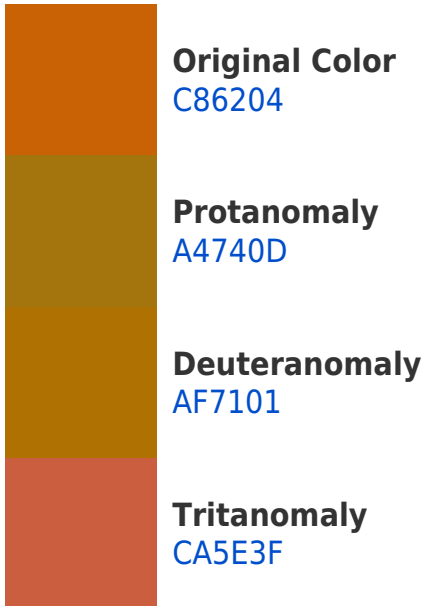


Original Color
C86204

Protanopia
8F7F12

Deuteranopia
A17900

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C86204 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 #C86204 looks like.

```
.text, #text, p{  
    color:#C86204  
}
```

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 #C86204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C86204  
}
```

Border

The CSS property to change the border of an element to Hex C86204 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  
#C86204 }
```

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

```
.border{ border-color:#C86204 }
```

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

Here you see how a box with a 4 pixel #C86204 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C86204; -webkit-box-shadow:4px 4px  
4px 4px #C86204; box-shadow:4px 4px 4px  
4px #C86204 }
```

Background

The CSS property to change the background color of an element to Hex C86204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C86204 }
```

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

```
.background{ background-color:#C86204 }
```

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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