

Converting Colors

Hex(CA4C06)

Have a look what the booklet for
Hex(CA4C06) contains.

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Color

Hex(CA4C06)

Conversions

Conversions Part 1

Format	Color
Hex	CA4C06
RGB	202, 76, 6
RGB Percent	79%, 30%, 2%
CMY	0.2078, 0.7020, 0.9765
CMYK	0.00, 0.62, 0.97, 0.21
HSL	21°, 94%, 41%
HSV	21°, 97%, 79%
XYZ	26.9744, 17.7386, 2.1745
YIQ	105.6940, 97.5660, 4.9420

Conversions

Conversions Part 2

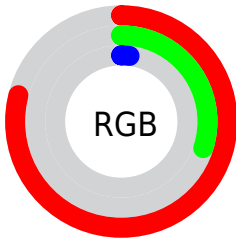
Format	Color
R _Y B	202, 115, 6
Decimal	13257734
CIE Lab	49.18, 47.64, 58.11
CIE LCh	49, 75.146, 50.654
Yxy	17.7386, 0.5753, 0.3783
Android (android.graphics.Color)	4291447814 (0xFFCA4C06)
YUV	105.6940, -49.1491, 84.4604
Hunter-Lab	42.1172, 40.6172, 26.4209

Details

The Hex color **CA4C06** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0684CA**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF813F**, and **8B1200** is the 20% darker color. If you saturate the color by 10%, you get **CA4800**, and if you desaturate by 10%, it is **CA591A**.

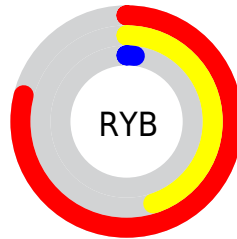
Distribution



Red (79%)

Green (30%)

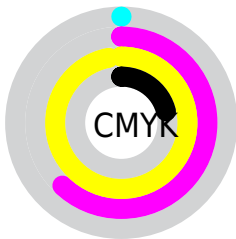
Blue (2%)



Red (79%)

Yellow (45%)

Blue (2%)

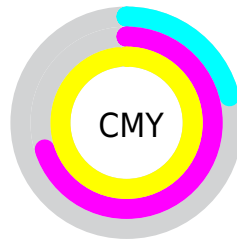


Cyan (0%)

Magenta (62%)

Yellow (97%)

Black (21%)



Cyan (21%)

Magenta (70%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA4C06 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 CA4C06 by changing the saturation by 10% instead.

 CA4C06

 CA4C06

FFFFFFE

 AA3100

 FF813F

 8B1200

 FF9D59

 6D0000

 FFB973

 4F0000

 FFD58D

 350002

 FFF2A8

 030000

 FFFFC4

 000000

 FFFFE1

 CA4C06

 CA4C06

■ CA4800

■ CA591A

■ CA662E

■ CA7343

■ CA8057

■ CA8D6B

■ CA9A7F

■ CAA793

■ CAB4A8

■ CAC1BC

Harmonies

Analogous

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



E1234D



CA4C06



9F6B00

Triad

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



CA4C06



008F5E



306DEE

Complementary

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



CA4C06



0684CA

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.



0083F4



CA4C06



0090A0

Square

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



CA4C06



008A15



008DD7



AB4AC7

Rectangle

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



CA4C06



797900



008DD7



0076F4

Sweetspot

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



CA4C06



FFCFB5



CA0685



806353



000000



808080

Same Dimension

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



CA4C06



FF5B00



CAAD06



665F5C



A63B00



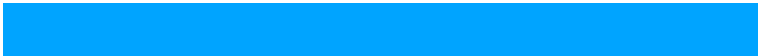
260E00

Inverse Universe

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



0684CA



00A4FF



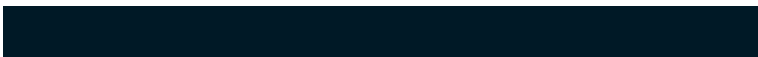
0623CA



5C6266



006BA6



001926

Previews

White Background



This preview shows how the Hex color CA4C06 looks on a white background.

Color Contrast Check

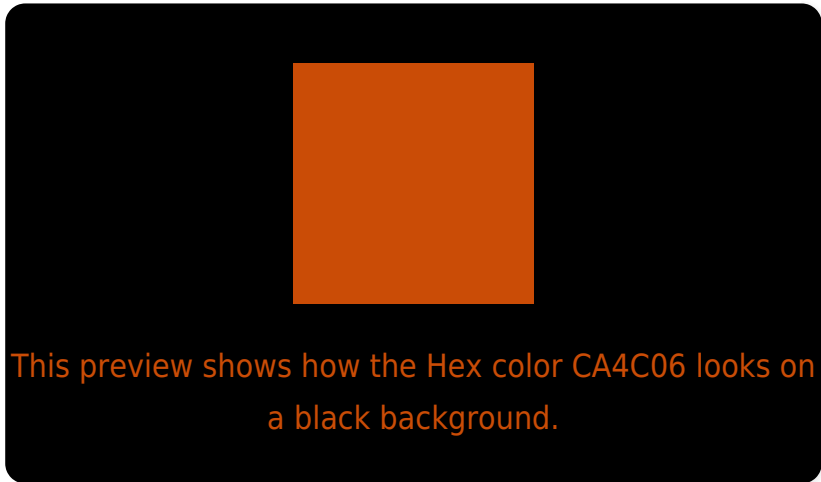
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 CA4C06 Background



This preview shows how black text looks on a background with the Hex color CA4C06.



This preview shows how white text looks on a background with the Hex color CA4C06.

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

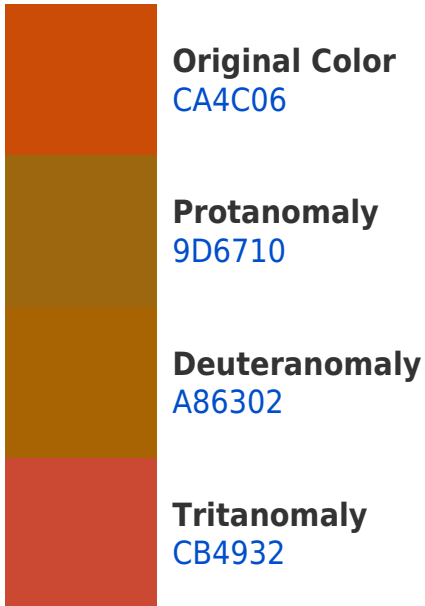


Original Color
CA4C06

Protanopia
847615

Deuteranopia
947000

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA4C06 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 #CA4C06 looks like.

```
.text, #text, p{  
    color:#CA4C06  
}
```

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 #CA4C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA4C06
}
```

Border

The CSS property to change the border of an element to Hex CA4C06 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
#CA4C06 }
```

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

```
.border{ border-color:#CA4C06 }
```

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

Here you see how a box with a 4 pixel #CA4C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA4C06; -webkit-box-shadow:4px 4px  
4px 4px #CA4C06; box-shadow:4px 4px 4px  
4px #CA4C06 }
```

Background

The CSS property to change the background color of an element to Hex CA4C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA4C06 }
```

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

```
.background{ background-color:#CA4C06 }
```

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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