

Converting Colors

Hex(CA6406)

Have a look what the booklet for
Hex(CA6406) contains.

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Color

Hex(CA6406)

Conversions

Conversions Part 1

Format	Color
Hex	CA6406
RGB	202, 100, 6
RGB Percent	79%, 39%, 2%
CMY	0.2078, 0.6078, 0.9765
CMYK	0.00, 0.50, 0.97, 0.21
HSL	29°, 94%, 41%
HSV	29°, 97%, 79%
XYZ	28.9472, 21.6840, 2.8321
YIQ	119.7820, 90.9660, -7.6100

Conversions

Conversions Part 2

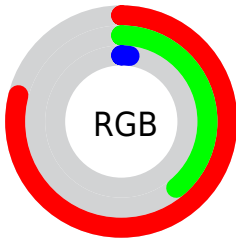
Format	Color
RYB	202, 187, 6
Decimal	13263878
CIELab	53.69, 36.01, 60.90
CIElCh	54, 70.750, 59.401
Yxy	21.6840, 0.5414, 0.4056
Android (android.graphics.Color)	4291453958 (0xFFCA6406)
YUV	119.7820, -56.0945, 72.1052
Hunter-Lab	46.5661, 29.4712, 28.9904

Details

The Hex color **CA6406** 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 **066CCA**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF9843**, and **8D3200** is the 20% darker color. If you saturate the color by 10%, you get **CA6100**, and if you desaturate by 10%, it is **CA6F1A**.

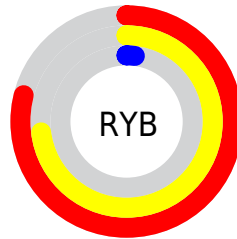
Distribution



Red (79%)

Green (39%)

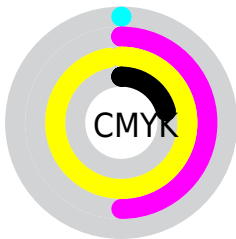
Blue (2%)



Red (79%)

Yellow (73%)

Blue (2%)

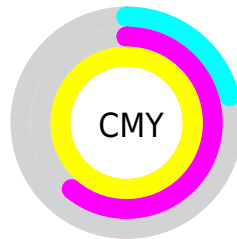


Cyan (0%)

Magenta (50%)

Yellow (97%)

Black (21%)



Cyan (21%)

Magenta (61%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA6406 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 CA6406 by changing the saturation by 10% instead.

 CA6406

 CA6406

FFFFFF

 AB4B00

 FF9843

 8D3200

 FFB45D

 6E1900

 FFD078

 510000

 FFEC93

 360000

 FFFF4E

 140000

 FFFFCA

 000000

 FFFF77

 CA6406

 CA6406

■ CA6100

■ CA6F1A

■ CA792E

■ CA8443

■ CA8E57

■ CA996B

■ CAA37F

■ CAAE93

■ CAB8A8

■ CAC3BC

Harmonies

Analogous

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



E64648



CA6406



9C7D00

Triad

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



CA6406



009B7D



7870EC

Complementary

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



CA6406



066CCA

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.



0088FB



CA6406



009BBB

Square

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



CA6406



00973D



0096E9



C750BF

Rectangle

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



CA6406



758900



0096E9



467AF5

Sweetspot

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



CA6406



FFD9B5



CA066F



806853



000000



808080

Same Dimension

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



CA6406



FF7A00



CAC306



66615C



A64F00



261200

Inverse Universe

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



066CCA



0085FF



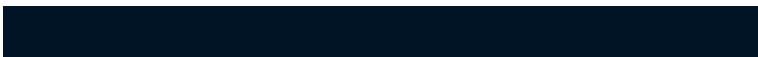
060DCA



5C6166



0056A6



001426

Previews

White Background



This preview shows how the Hex color CA6406 looks on a white background.

Color Contrast Check

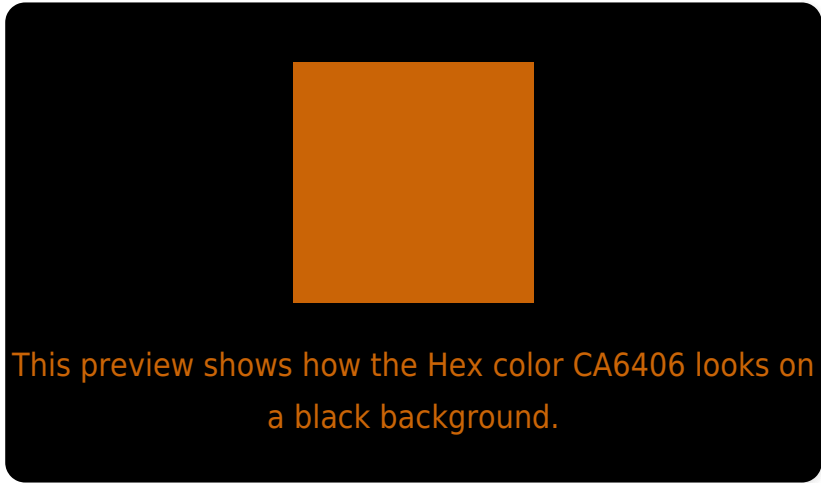
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA6406 Background



This preview shows how black text looks on a background with the Hex color CA6406.



This preview shows how white text looks on a background with the Hex color CA6406.

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

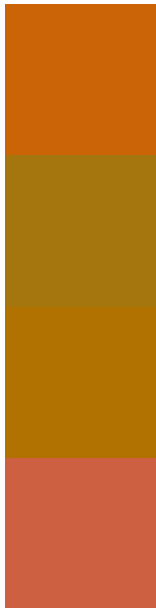


Original Color
CA6406

Protanopia
918113

Deuteranopia
A37A00

Trichromacy



Original Color
CA6406

Protanomaly
A6760E

Deuteranomaly
B17202

Tritanomaly
CC6041

Monochromacy



Original Color
CA6406

Achromatopsia
787878

Achromatomaly
96714F

CSS Examples

Text

The CSS property to change the color of the text to Hex CA6406 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 #CA6406 looks like.

```
.text, #text, p{  
    color:#CA6406  
}
```

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 #CA6406 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA6406
}
```

Border

The CSS property to change the border of an element to Hex CA6406 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
#CA6406 }
```

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

```
.border{ border-color:#CA6406 }
```

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

Here you see how a box with a 4 pixel #CA6406 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA6406; -webkit-box-shadow:4px 4px  
4px 4px #CA6406; box-shadow:4px 4px 4px  
4px #CA6406 }
```

Background

The CSS property to change the background color of an element to Hex CA6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA6406 }
```

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

```
.background{ background-color:#CA6406 }
```

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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