

# Converting Colors

Hex(C63406)

Have a look what the booklet for  
Hex(C63406) contains.

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**Color**

**Hex(C63406)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C63406
RGB	198, 52, 6
RGB Percent	78%, 20%, 2%
CMY	0.2235, 0.7961, 0.9765
CMYK	0.00, 0.74, 0.97, 0.22
HSL	14°, 94%, 40%
HSV	14°, 97%, 78%
XYZ	24.5496, 14.4749, 1.6723
YIQ	90.4100, 101.7820, 16.6460

# Conversions

## Conversions Part 2

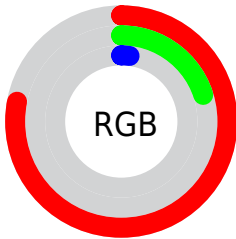
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 66, 6
Decimal	12989446
CIE Lab	44.91, 55.90, 55.30
CIE LCh	45, 78.626, 44.691
Yxy	14.4749, 0.6032, 0.3557
Android (android.graphics.Color)	4291179526 (0xFFC63406)
YUV	90.4100, -41.6141, 94.3564
Hunter-Lab	38.0459, 48.5989, 24.0260

# Details

The Hex color **C63406** 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 **0698C6**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6D3C**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C62F00**, and if you desaturate by 10%, it is **C6431A**.

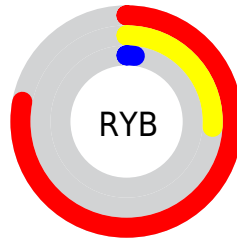
# Distribution



Red (78%)

Green (20%)

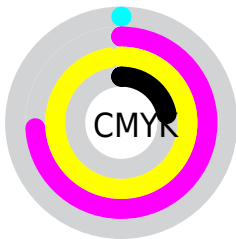
Blue (2%)



Red (78%)

Yellow (26%)

Blue (2%)

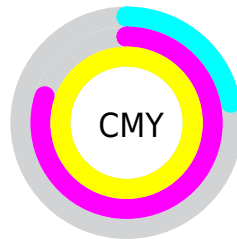


Cyan (0%)

Magenta (74%)

Yellow (97%)

Black (22%)



Cyan (22%)

Magenta (80%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C63406 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 C63406 by changing the saturation by 10% instead.



 C63406

 C63406

 FFFFF8

 A60F00

 FF6D3C

 870000

 FF8855

 680000

 FFA46E

 4A0001

 FFC188

 2E0002

 FFDEA3

 000000

 FFFBBF

 FFFFDB

 C63406

 C63406

■ C62F00

■ C6431A

■ C6522E

■ C66141

■ C67055

■ C67F69

■ C68E7D

■ C69D91

■ C6ACA4

■ C6BCB8

# Harmonies

## Analogous

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



D9004E



C63406



9D5B00

# Triad

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



C63406



008345



0068EB

# Complementary

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



C63406



0698C6

# 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.



007CEB



C63406



00858A

# Square

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



C63406



007D00



0084C6



9244C9

# Rectangle

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



C63406



796B00



0084C6



0070EF



# Sweetspot

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



C63406



FFC7B5



C60699



805E53



000000



808080



# Same Dimension

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



C63406



FF3D00



C69306



635C5A



A32700



240900

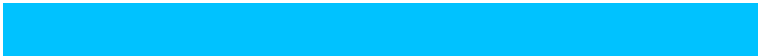


# Inverse Universe

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



0698C6



00C2FF



0639C6



5A6163



007CA3



001B24



# Previews

## White Background



This preview shows how the Hex color C63406 looks on a white background.

## Color Contrast Check

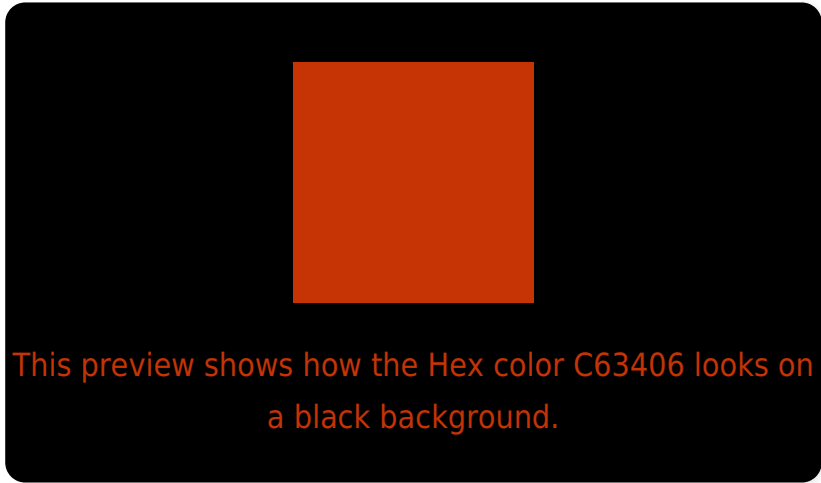
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C63406 Background



This preview shows how black text looks on a background with the Hex color C63406.



This preview shows how white text looks on a background with the Hex color C63406.

# 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**  
C63406

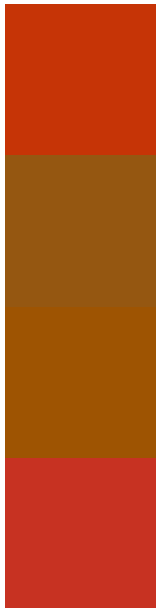
**Protanopia**  
796B17

**Deuteranopia**  
876600



**Tritanopia**  
C73132

# Trichromacy



**Original Color**  
C63406

**Protanomaly**  
955711

**Deuteranomaly**  
9E5402

**Tritanomaly**  
C73222

# Monochromacy



**Original Color**  
C63406

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
814C3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C63406 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 #C63406 looks like.

```
.text, #text, p{  
    color:#C63406  
}
```

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 #C63406 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63406
}
```

## Border

The CSS property to change the border of an element to Hex C63406 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".

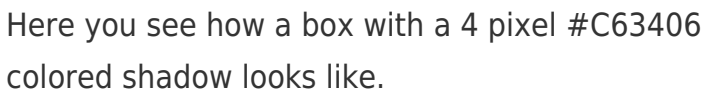
```
.border, #border, table{ border:4px solid
#C63406 }
```

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

```
.border{ border-color:#C63406 }
```

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

Here you see how a box with a 4 pixel #C63406 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63406; -webkit-box-shadow:4px 4px  
4px 4px #C63406; box-shadow:4px 4px 4px  
4px #C63406 }
```

# Background

The CSS property to change the background color of an element to Hex C63406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63406 }
```

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

```
.background{ background-color:#C63406 }
```

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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