

# Converting Colors

Hex(CC4106)

Have a look what the booklet for  
Hex(CC4106) contains.

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**Color**

**Hex(CC4106)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC4106
RGB	204, 65, 6
RGB Percent	80%, 25%, 2%
CMY	0.2000, 0.7451, 0.9765
CMYK	0.00, 0.68, 0.97, 0.20
HSL	18°, 94%, 41%
HSV	18°, 97%, 80%
XYZ	26.8250, 16.6311, 1.9686
YIQ	99.8350, 101.7830, 11.1190

# Conversions

## Conversions Part 2

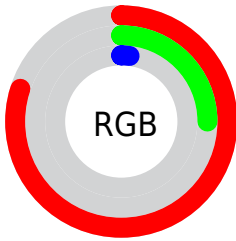
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 90, 6
Decimal	13385990
CIE <sub>Lab</sub>	47.79, 53.01, 57.49
CIE <sub>LCh</sub>	48, 78.201, 47.325
Yxy	16.6311, 0.5905, 0.3661
Android (android.graphics.Color)	4291576070 (0xFFCC4106)
YUV	99.8350, -46.2607, 91.3527
Hunter-Lab	40.7813, 46.0461, 25.6848

# Details

The Hex color **CC4106** 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 **0691CC**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF783E**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CC3D00**, and if you desaturate by 10%, it is **CC4F1A**.

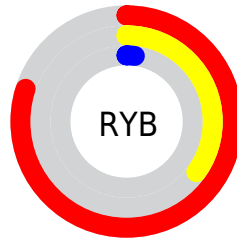
# Distribution



Red (80%)

Green (25%)

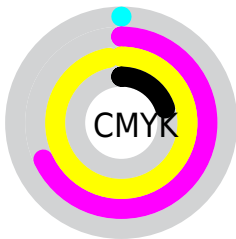
Blue (2%)



Red (80%)

Yellow (35%)

Blue (2%)

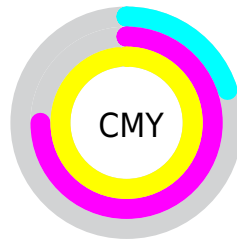


Cyan (0%)

Magenta (68%)

Yellow (97%)

Black (20%)



Cyan (20%)

Magenta (75%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC4106 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 CC4106 by changing the saturation by 10% instead.



 CC4106

 CC4106

 FFFFFB

 AC2300

 FF783E

 8D0000

 FF9357

 6E0000

 FFAF71

 500000

 FFCC8B

 350002

 FFE9A6

 010000

 FFFFC2

 000000

 FFFFDE

 CC4106

 CC4106

■ CC3D00

■ CC4F1A

■ CC5E2F

■ CC6C43

■ CC7A58

■ CC896C

■ CC9780

■ CCA595

■ CCB4A9

■ CCC2BE

# Harmonies

## Analogous

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



E1034F



CC4106



A16400

# Triad

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



CC4106



008B52



006DF1

# Complementary

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



CC4106



0691CC

# 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.



0082F4



CC4106



008D97

# Square

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



CC4106



008600



008BD2



A148CC

# Rectangle

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



CC4106



7C7400



008BD2



0075F6



# Sweetspot

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



CC4106



FFCBB5



CC0694



806053



000000



808080



# Same Dimension

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



CC4106



FF4C00



CCA106



665F5C



A63100



260B00



# Inverse Universe

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



0691CC



00B3FF



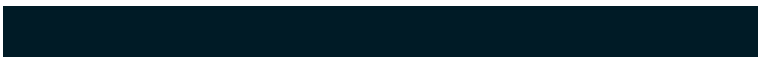
0631CC



5C6366



0074A6



001B26



# Previews

## White Background



This preview shows how the Hex color CC4106 looks on a white background.

## Color Contrast Check

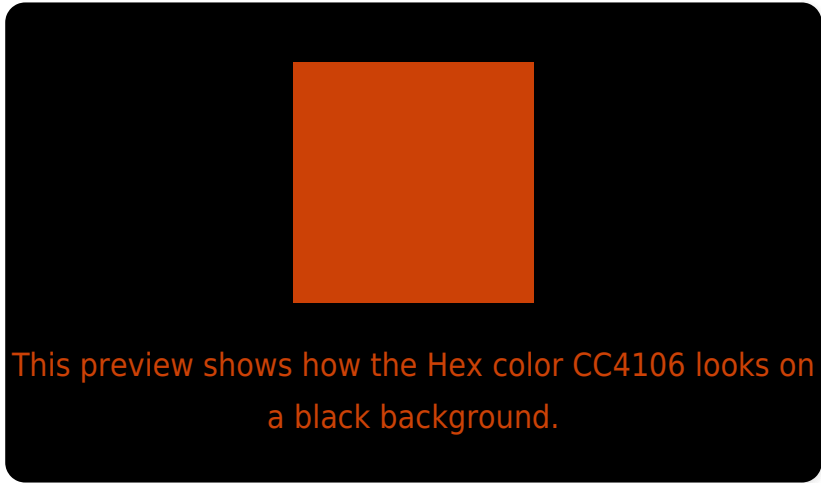
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC4106 Background



This preview shows how black text looks on a background with the Hex color CC4106.



This preview shows how white text looks on a background with the Hex color CC4106.

# 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



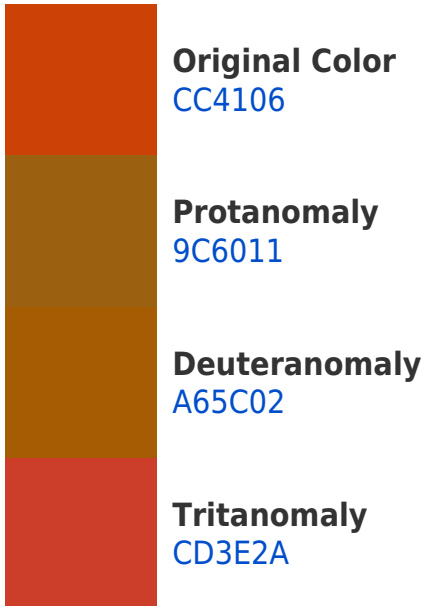
**Original Color**  
CC4106

**Protanopia**  
817217

**Deuteranopia**  
906C00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC4106 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 #CC4106 looks like.

```
.text, #text, p{  
    color:#CC4106  
}
```

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 #CC4106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4106
}
```

## Border

The CSS property to change the border of an element to Hex CC4106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

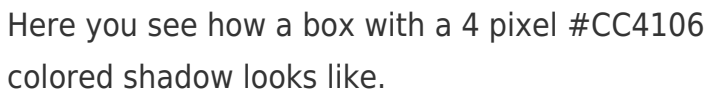
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC4106 }
```

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

```
.border{ border-color:#CC4106 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a thick orange line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #CC4106 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4106; -webkit-box-shadow:4px 4px  
4px 4px #CC4106; box-shadow:4px 4px 4px  
4px #CC4106 }
```

# Background

The CSS property to change the background color of an element to Hex CC4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4106 }
```

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

```
.background{ background-color:#CC4106 }
```

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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