

Converting Colors

Hex(C64100)

Have a look what the booklet for
Hex(C64100) contains.

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Color

Hex(C64100)

Conversions

Conversions Part 1

Format	Color
Hex	C64100
RGB	198, 65, 0
RGB Percent	78%, 25%, 0%
CMY	0.2235, 0.7451, 1.0000
CMYK	0.00, 0.67, 1.00, 0.22
HSL	20°, 100%, 39%
HSV	20°, 100%, 78%
XYZ	25.1790, 15.7864, 1.7200
YIQ	97.3570, 100.1330, 7.9810

Conversions

Conversions Part 2

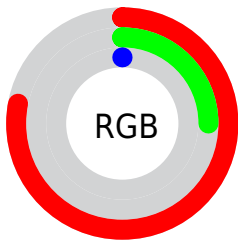
Format	Color
R_{YB}	198, 97, 0
Decimal	12992768
CIE _{Lab}	46.69, 50.89, 57.91
CIE _{LCh}	47, 77.095, 48.689
Yxy	15.7864, 0.5899, 0.3698
Android (android.graphics.Color)	4291182848 (0xFFC64100)
YUV	97.3570, -47.9970, 88.2639
Hunter-Lab	39.7321, 43.5879, 25.2458

Details

The Hex color **C64100** 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 **0085C6**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF773A**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C64100**, and if you desaturate by 10%, it is **C64E14**.

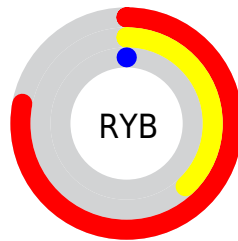
Distribution



Red (78%)

Green (25%)

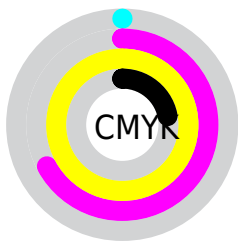
Blue (0%)



Red (78%)

Yellow (38%)

Blue (0%)

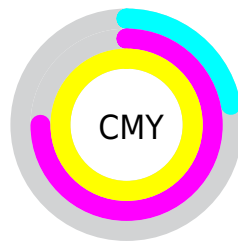


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C64100 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 C64100 by changing the saturation by 10% instead.

 C64100

 C64100

 FFFFFFF7

 A62400

 FF773A

 870000

 FF9353

 680000

 FFAE6D

 4B0000

 FFCB87

 300002

 FFE8A2

 000000

 FFFFBE

 FFFFFDA

 C64100

 C64E14

 C65C28

 C6693B

 C6764F

 C68463

 C69177

 C69E8B

 C6AB9E

 C6B9B2

Harmonies

Analogous

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



DC054A



C64100



9B6300

Triad

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



C64100



008853



0069EB

Complementary

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



C64100



0085C6

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.



007EEF



C64100



008A97

Square

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



C64100



008300



0087D0



A144C5

Rectangle

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



C64100



767200



0087D0



0071F1

Sweetspot

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



C64100



FFCCB3



C60087



806152



000000



808080

Same Dimension

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



C64100



FF5400



C6A200



635D5A



A33600



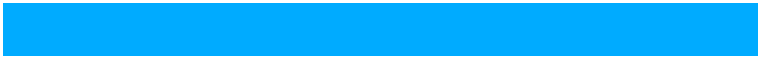
240C00

Inverse Universe

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



0085C6



00ABFF



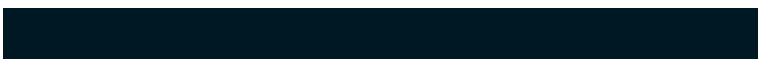
0024C6



5A6063



006EA3



001824

Previews

White Background



This preview shows how the Hex color C64100 looks on a white background.

Color Contrast Check

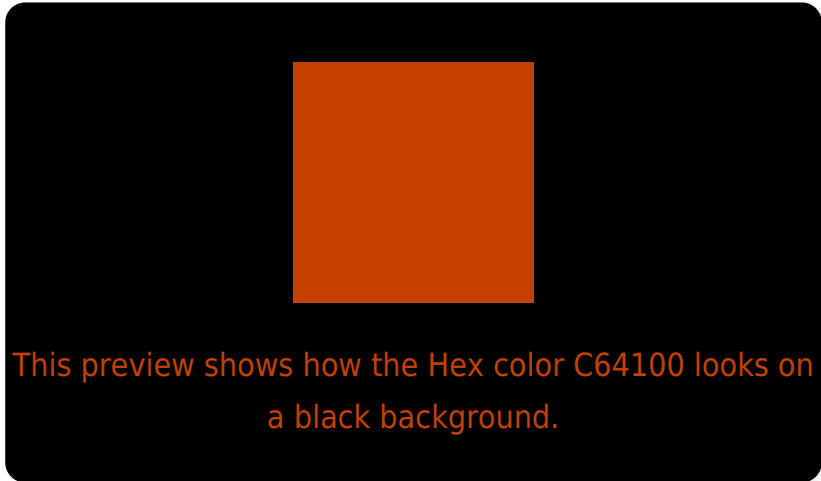
Large Text (above 18pt) WCAG AA ✓ Pass

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 C64100 Background



This preview shows how black text looks on a background with the Hex color C64100.

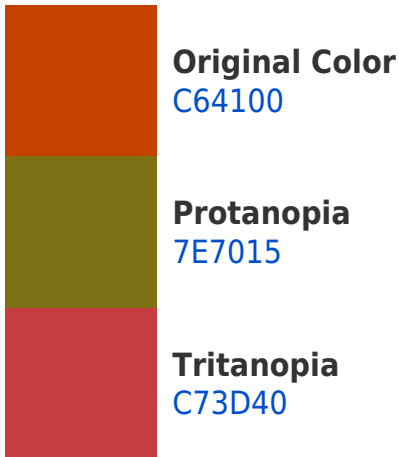


This preview shows how white text looks on a background with the Hex color C64100.

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



Trichromacy



Original Color
C64100

Protanomaly
985F0D

Tritanomaly
C73E29

Monochromacy



Original Color
C64100

Achromatopsia
616161

Achromatomaly
86553E

CSS Examples

Text

The CSS property to change the color of the text to Hex C64100 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 #C64100 looks like.

```
.text, #text, p{  
    color:#C64100  
}
```

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 #C64100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64100
}
```

Border

The CSS property to change the border of an element to Hex C64100 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
#C64100 }
```

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

```
.border{ border-color:#C64100 }
```

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

Here you see how a box with a 4 pixel #C64100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64100; -webkit-box-shadow:4px 4px  
4px 4px #C64100; box-shadow:4px 4px 4px  
4px #C64100 }
```

Background

The CSS property to change the background color of an element to Hex C64100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64100 }
```

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

```
.background{ background-color:#C64100 }
```

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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