

Converting Colors

Hex(C23004)

Have a look what the booklet for
Hex(C23004) contains.

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Color

Hex(C23004)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C23004 |
| RGB | 194, 48, 4 |
| RGB Percent | 76%, 19%, 2% |
| CMY | 0.2392, 0.8118, 0.9843 |
| CMYK | 0.00, 0.75, 0.98, 0.24 |
| HSL | 14°, 96%, 39% |
| HSV | 14°, 98%, 76% |
| XYZ | 23.3270, 13.5920, 1.5089 |
| YIQ | 86.6380, 101.1400, 17.2680 |

Conversions

Conversions Part 2

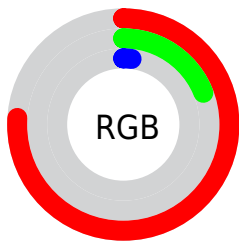
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 61, 4 |
| Decimal | 12726276 |
| CIELab | 43.64, 55.97, 54.79 |
| CIElCh | 44, 78.325, 44.391 |
| Yxy | 13.5920, 0.6070, 0.3537 |
| Android (android.graphics.Color) | 4290916356 (0xFFC23004) |
| YUV | 86.6380, -40.7405, 94.1565 |
| Hunter-Lab | 36.8673, 48.4241, 23.3805 |

Details

The Hex color **C23004** 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 **0496C2**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF693A**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C22D00**, and if you desaturate by 10%, it is **C23F17**.

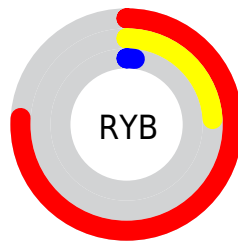
Distribution



Red (76%)

Green (19%)

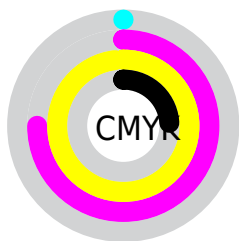
Blue (2%)



Red (76%)

Yellow (24%)

Blue (2%)

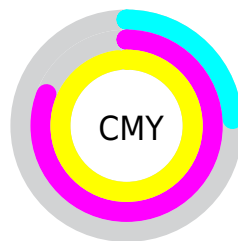


Cyan (0%)

Magenta (75%)

Yellow (98%)

Black (24%)



Cyan (24%)

Magenta (81%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C23004 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 C23004 by changing the saturation by 10% instead.

 C23004

 C23004

 FFFFF5

 A20700

 FF693A

 830000

 FF8552

 640000

 FFA16C

 470001

 FFBD86

 290001

 FFDA A1

 000000

 FFF7BC

 FFFF D8

 C23004

 C23004

 C22D00

 C23F17

 C24E2B

 C25D3E

 C26C52

 C27B65

 C28978

 C2988C

 C2A79F

 C2B6B3

Harmonies

Analogous

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



D4004B



C23004



9A5700

Triad

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



C23004



007F41



0065E7

Complementary

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



C23004



0496C2

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.



0079E6



C23004



008286

Square

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



C23004



007A00



0080C2



8D42C5

Rectangle

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



C23004



766800



0080C2



006DEB

Sweetspot

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



C23004



FCC4B3



C20499



805D53



000000



808080

Same Dimension

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



C23004



FC3A00



C28C04



615957



A12500



210800

Inverse Universe

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



0496C2



00C2FC



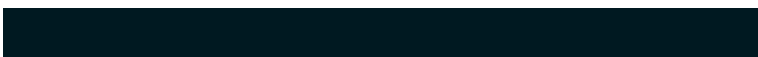
043AC2



575F61



007BA1



001921

Previews

White Background



This preview shows how the Hex color C23004 looks on a white background.

Color Contrast Check

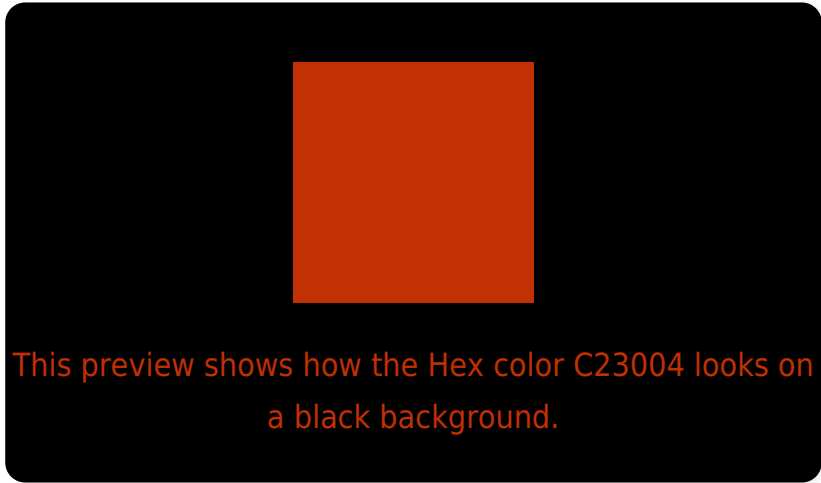
Large Text (above 18pt) WCAG AA ✓ Pass

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 C23004 Background



This preview shows how black text looks on a background with the Hex color C23004.



This preview shows how white text looks on a background with the Hex color C23004.

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

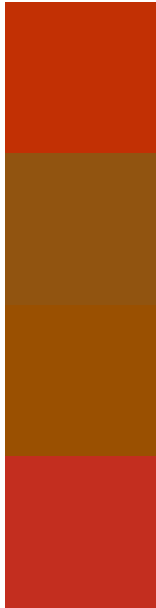


Original Color
C23004

Protanopia
756817

Deuteranopia
836300

Trichromacy



Original Color
C23004

Protanomaly
915410

Deuteranomaly
9A5001

Tritanomaly
C32E1F

Monochromacy



Original Color
C23004

Achromatopsia
575757

Achromatomaly
7E4939

CSS Examples

Text

The CSS property to change the color of the text to Hex C23004 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 #C23004 looks like.

```
.text, #text, p{  
    color:#C23004  
}
```

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 #C23004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C23004
}
```

Border

The CSS property to change the border of an element to Hex C23004 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
#C23004 }
```

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

```
.border{ border-color:#C23004 }
```

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

Here you see how a box with a 4 pixel #C23004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C23004; -webkit-box-shadow:4px 4px  
4px 4px #C23004; box-shadow:4px 4px 4px  
4px #C23004 }
```

Background

The CSS property to change the background color of an element to Hex C23004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C23004 }
```

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

```
.background{ background-color:#C23004 }
```

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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