

# Converting Colors

Hex(C24A17)

Have a look what the booklet for  
Hex(C24A17) contains.

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**Color**

**Hex(C24A17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C24A17
RGB	194, 74, 23
RGB Percent	76%, 29%, 9%
CMY	0.2392, 0.7098, 0.9098
CMYK	0.00, 0.62, 0.88, 0.24
HSL	18°, 79%, 43%
HSV	18°, 88%, 76%
XYZ	24.8516, 16.4288, 2.6719
YIQ	104.0660, 87.8910, 9.5790

# Conversions

## Conversions Part 2

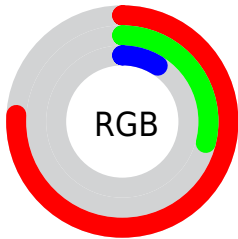
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 96, 23
Decimal	12732951
CIELab	47.53, 45.88, 51.42
CIElCh	48, 68.912, 48.259
Yxy	16.4288, 0.5654, 0.3738
Android (android.graphics.Color)	4290923031 (0xFFC24A17)
YUV	104.0660, -39.9655, 78.8721
Hunter-Lab	40.5324, 38.5117, 24.4643

# Details

The Hex color **C24A17** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **178FC2**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF7F49**, and **841000** is the 20% darker color. If you saturate the color by 10%, you get **C23C04**, and if you desaturate by 10%, it is **C2582A**.

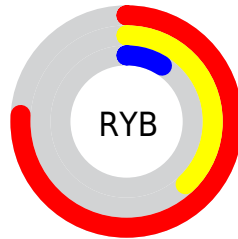
# Distribution



Red (76%)

Green (29%)

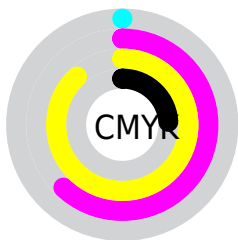
Blue (9%)



Red (76%)

Yellow (38%)

Blue (9%)

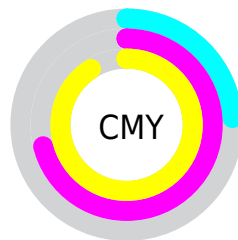


Cyan (0%)

Magenta (62%)

Yellow (88%)

Black (24%)



Cyan (24%)

Magenta (71%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C24A17 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 C24A17 by changing the saturation by 10% instead.



 C24A17

 C24A17

FFFFFF

 A32F00

 FF7F49

 841000

 FF9A62

 660000

 FFB67C

 490000

 FFD296

 2F0002

 FFEFB1

 000000

 FFFFCD

 FFFFEA

 C24A17

 C24A17

 C23C04

 C2582A

 C23A00

 C2653E

 C27351

 C28065

 C28E78

 C29C8B

 C2A99F

 C2B7B2

 C2C5C6

# Harmonies

## Analogous

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



D52B50



C24A17



9C6600

# Triad

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



C24A17



008957



266BE0

# Complementary

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



C24A17



178FC2

# 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.



007EE3



C24A17



008A94

# Square

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



C24A17



048316



0088C7



9E4EBF

# Rectangle

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



C24A17



7A7400



0088C7



0073E5



# Sweetspot

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



C24A17



FCCEBB



C21792



806458



000000



808080



# Same Dimension

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



C24A17



FC4B00



C29D17



615A57



A13000



210A00



# Inverse Universe

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



178FC2



00B1FC



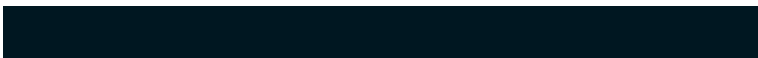
173CC2



575E61



0071A1



001721



# Previews

## White Background



This preview shows how the Hex color C24A17 looks on a white background.

## Color Contrast Check

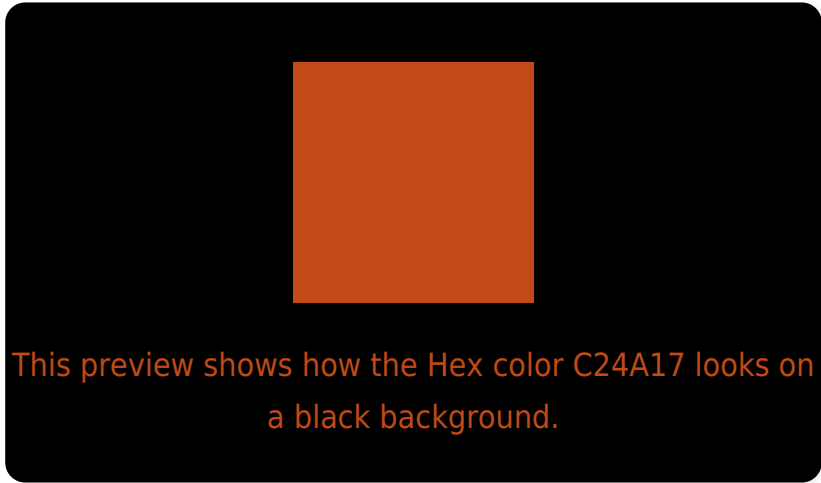
Large Text (above 18pt) WCAG AA ✓ Pass

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 C24A17 Background



This preview shows how black text looks on a background with the Hex color C24A17.



This preview shows how white text looks on a background with the Hex color C24A17.

# 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**  
C24A17

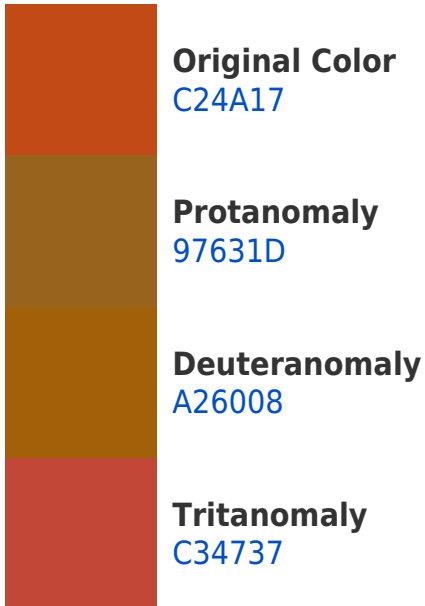
**Protanopia**  
7F7221

**Deuteranopia**  
8F6C00

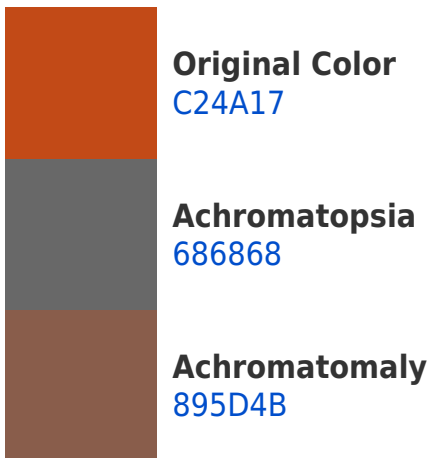


**Tritanopia**  
C34549

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C24A17 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 #C24A17 looks like.

```
.text, #text, p{  
    color:#C24A17  
}
```

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 #C24A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C24A17
}
```

## Border

The CSS property to change the border of an element to Hex C24A17 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
#C24A17 }
```

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

```
.border{ border-color:#C24A17 }
```

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

Here you see how a box with a 4 pixel #C24A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C24A17; -webkit-box-shadow:4px 4px  
4px 4px #C24A17; box-shadow:4px 4px 4px  
4px #C24A17 }
```

# Background

The CSS property to change the background color of an element to Hex C24A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C24A17 }
```

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

```
.background{ background-color:#C24A17 }
```

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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