

# Converting Colors

Hex(C95A14)

Have a look what the booklet for  
Hex(C95A14) contains.

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**Color**

**Hex(C95A14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C95A14
RGB	201, 90, 20
RGB Percent	79%, 35%, 8%
CMY	0.2118, 0.6471, 0.9216
CMYK	0.00, 0.55, 0.90, 0.21
HSL	23°, 82%, 43%
HSV	23°, 90%, 79%
XYZ	27.8698, 19.7803, 3.0109
YIQ	115.2090, 88.6260, 1.7620

# Conversions

## Conversions Part 2

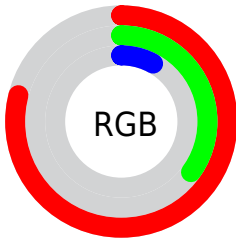
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 134, 20
Decimal	13195796
CIE Lab	51.59, 40.85, 56.05
CIE LCh	52, 69.357, 53.916
Yxy	19.7803, 0.5501, 0.3904
Android (android.graphics.Color)	4291385876 (0xFFC95A14)
YUV	115.2090, -46.9380, 75.2387
Hunter-Lab	44.4751, 34.0236, 27.1187

# Details

The Hex color **C95A14** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **1483C9**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8F49**, and **8C2700** is the 20% darker color. If you saturate the color by 10%, you get **C94E00**, and if you desaturate by 10%, it is **C96628**.

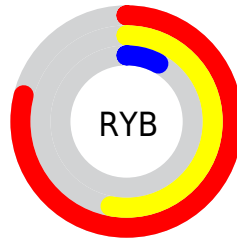
# Distribution



Red (79%)

Green (35%)

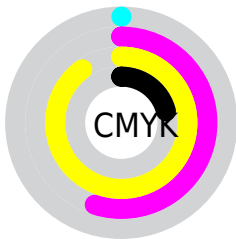
Blue (8%)



Red (79%)

Yellow (53%)

Blue (8%)

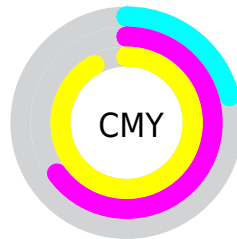


Cyan (0%)

Magenta (55%)

Yellow (90%)

Black (21%)



Cyan (21%)

Magenta (65%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C95A14 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 C95A14 by changing the saturation by 10% instead.



 C95A14

 C95A14

FFFFFF

 AA4000

 FF8F49

 8C2700

 FFAA62

 6D0800

 FFC67D

 500000

 FFE297

 360001

 FFFFB3

 0C0000

 FFFFCF

 000000

 FFFFFEC

 C95A14

 C95A14

 C94E00

 C96628

 C9733C

 C97F50

 C98B64

 C99879

 C9A48D

 C9B0A1

 C9BDB5

 C9C9C9

# Harmonies

## Analogous

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



E03D4F



C95A14



9F7400

# Triad

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



C95A14



00946D



5B71E9

# Complementary

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



C95A14



1483C9

# 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.



0086F2



C95A14



0095AA

# Square

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



C95A14



00902E



0091DB



B552C2

# Rectangle

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



C95A14



7B8100



0091DB



0079EF



# Sweetspot

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



C95A14



FFD5BA



C91484



806657



000000



808080



# Same Dimension

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



C95A14



FF6300



C9B414



635D5A



A33F00



240E00



# Inverse Universe

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



1483C9



009CFF



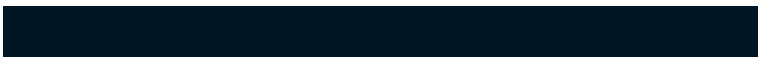
1429C9



5A6063



0064A3



001624



# Previews

## White Background



This preview shows how the Hex color C95A14 looks on a white background.

## Color Contrast Check

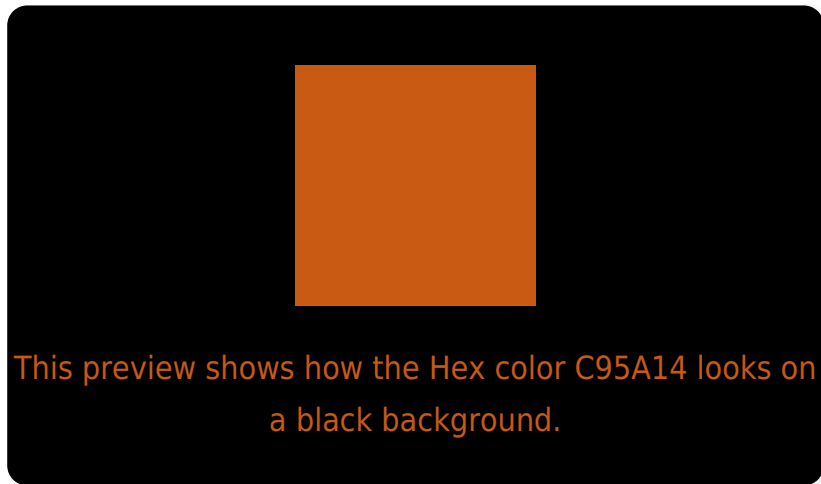
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex C95A14 Background



This preview shows how black text looks on a background with the Hex color C95A14.



This preview shows how white text looks on a background with the Hex color C95A14.

# 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



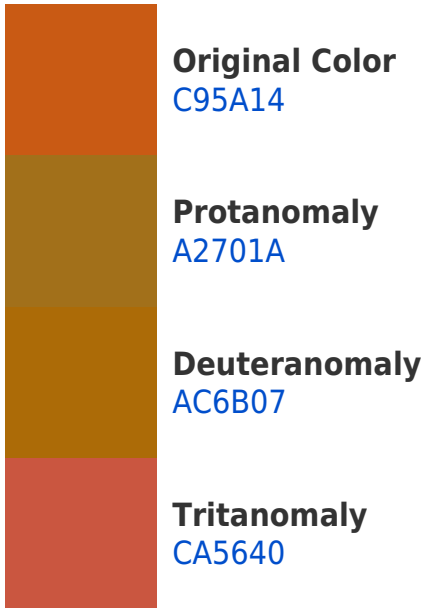
**Original Color**  
C95A14

**Protanopia**  
8B7C1D

**Deuteranopia**  
9C7500



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C95A14 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 #C95A14 looks like.

```
.text, #text, p{  
    color:#C95A14  
}
```

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 #C95A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C95A14
}
```

## Border

The CSS property to change the border of an element to Hex C95A14 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
#C95A14 }
```

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

```
.border{ border-color:#C95A14 }
```

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

Here you see how a box with a 4 pixel #C95A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C95A14; -webkit-box-shadow:4px 4px  
4px 4px #C95A14; box-shadow:4px 4px 4px  
4px #C95A14 }
```

# Background

The CSS property to change the background color of an element to Hex C95A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C95A14 }
```

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

```
.background{ background-color:#C95A14 }
```

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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