

Converting Colors

Hex(C95A06)

Have a look what the booklet for
Hex(C95A06) contains.

Hex(C95A06)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C95A06)

Conversions

Conversions Part 1

Format	Color
Hex	C95A06
RGB	201, 90, 6
RGB Percent	79%, 35%, 2%
CMY	0.2118, 0.6471, 0.9765
CMYK	0.00, 0.55, 0.97, 0.21
HSL	26°, 94%, 41%
HSV	26°, 97%, 79%
XYZ	27.7764, 19.7430, 2.5191
YIQ	113.6130, 93.1200, -2.5920

Conversions

Conversions Part 2

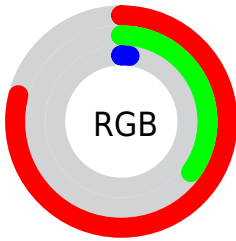
Format	Color
RYB	201, 154, 6
Decimal	13195782
CIELab	51.55, 40.66, 59.47
CIElCh	52, 72.040, 55.638
Yxy	19.7430, 0.5551, 0.3946
Android (android.graphics.Color)	4291385862 (0xFFC95A06)
YUV	113.6130, -53.0532, 76.6384
Hunter-Lab	44.4331, 33.8277, 27.7418

Details

The Hex color **C95A06** 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 **0675C9**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8E41**, and **8B2700** is the 20% darker color. If you saturate the color by 10%, you get **C95700**, and if you desaturate by 10%, it is **C9651A**.

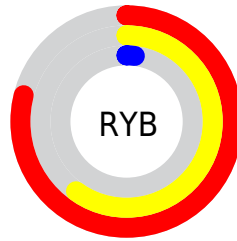
Distribution



Red (79%)

Green (35%)

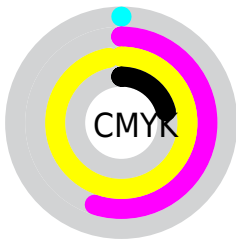
Blue (2%)



Red (79%)

Yellow (60%)

Blue (2%)

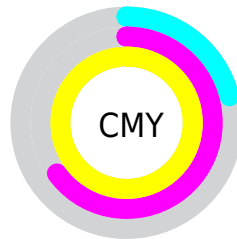


Cyan (0%)

Magenta (55%)

Yellow (97%)

Black (21%)



Cyan (21%)

Magenta (65%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C95A06 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 C95A06 by changing the saturation by 10% instead.

 C95A06

 C95A06

FFFFFF

 AA4100

 FF8E41

 8B2700

 FFAA5B

 6D0800

 FFC675

 4F0000

 FFE290

 350001

 FFFFAC

 0B0000

 FFFFC8

 000000

 FFFF E4

 C95A06

 C95A06

■ C95700

■ C9651A

■ C9712E

■ C97C42

■ C98856

■ C9936B

■ C99F7F

■ C9AA93

■ C9B6A7

■ C9C1BB

Harmonies

Analogous

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



E3394A



C95A06



9C7500

Triad

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



C95A06



009570



606EEB

Complementary

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



C95A06



0675C9

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.



0085F7



C95A06



0096AF

Square

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



C95A06



00912E



0092E1



BB4DC1

Rectangle

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



C95A06



778200



0092E1



0077F3

Sweetspot

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



C95A06



FFD5B5



C90678



806653



000000



808080

Same Dimension

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



C95A06



FF6E00



C9B906



635E5A



A34600



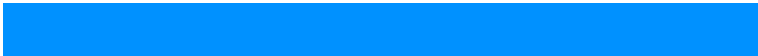
240F00

Inverse Universe

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



0675C9



0091FF



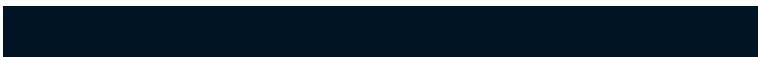
0616C9



5A5F63



005DA3



001424

Previews

White Background



This preview shows how the Hex color C95A06 looks on a white background.

Color Contrast Check

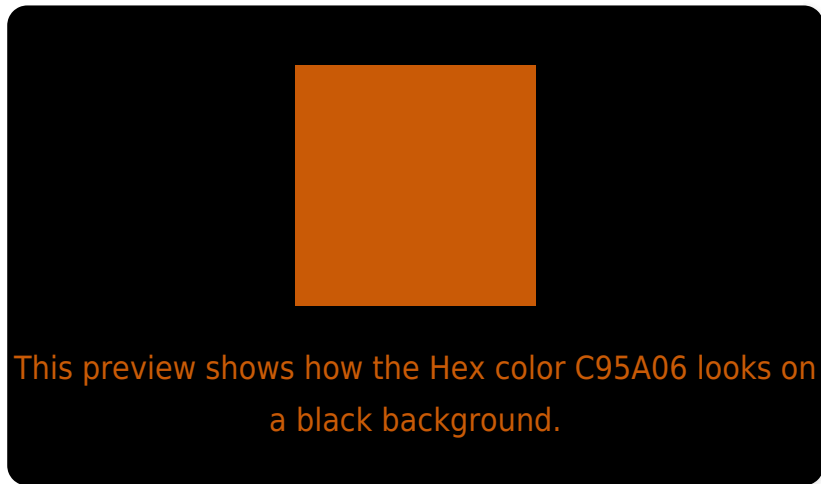
Large Text (above 18pt) WCAG AA ✓ Pass

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 C95A06 Background



This preview shows how black text looks on a background with the Hex color C95A06.



This preview shows how white text looks on a background with the Hex color C95A06.

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

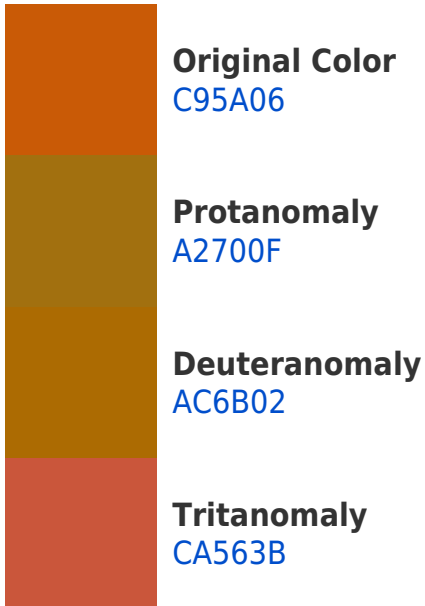


Original Color
C95A06

Protanopia
8B7C14

Deuteranopia
9C7500

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C95A06 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 #C95A06 looks like.

```
.text, #text, p{  
    color:#C95A06  
}
```

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 #C95A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C95A06  
}
```

Border

The CSS property to change the border of an element to Hex C95A06 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  
#C95A06 }
```

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

```
.border{ border-color:#C95A06 }
```

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

Here you see how a box with a 4 pixel #C95A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C95A06; -webkit-box-shadow:4px 4px  
4px 4px #C95A06; box-shadow:4px 4px 4px  
4px #C95A06 }
```

Background

The CSS property to change the background color of an element to Hex C95A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C95A06 }
```

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

```
.background{ background-color:#C95A06 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor