

# Converting Colors

Hex(A95F02)

Have a look what the booklet for  
Hex(A95F02) contains.

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**Color**

**Hex(A95F02)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A95F02
RGB	169, 95, 2
RGB Percent	66%, 37%, 1%
CMY	0.3373, 0.6275, 0.9922
CMYK	0.00, 0.44, 0.99, 0.34
HSL	33°, 98%, 34%
HSV	33°, 99%, 66%
XYZ	20.4654, 16.6238, 2.1875
YIQ	106.5240, 73.9570, -13.2350

# Conversions

## Conversions Part 2

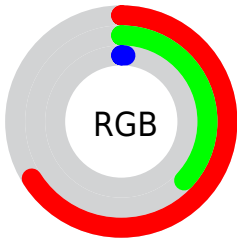
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 169, 2
Decimal	11099906
CIE <sub>Lab</sub>	47.78, 24.76, 55.60
CIE <sub>LCh</sub>	48, 60.863, 65.996
Yxy	16.6238, 0.5211, 0.4232
Android (android.graphics.Color)	4289289986 (0xFFA95F02)
YUV	106.5240, -51.5303, 54.7915
Hunter-Lab	40.7723, 18.2452, 25.3596

# Details

The Hex color **A95F02** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **024CA9**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E6923E**, and **6E3000** is the 20% darker color. If you saturate the color by 10%, you get **A95E00**, and if you desaturate by 10%, it is **A96613**.

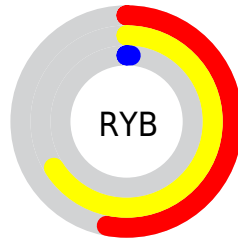
# Distribution



Red (66%)

Green (37%)

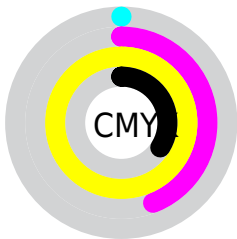
Blue (1%)



Red (53%)

Yellow (66%)

Blue (1%)

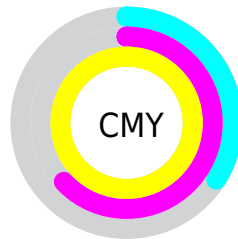


Cyan (0%)

Magenta (44%)

Yellow (99%)

Black (34%)



Cyan (34%)

Magenta (63%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A95F02 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 A95F02 by changing the saturation by 10% instead.



 A95F02

 A95F02

FFFFFFD

 8B4700

 E6923E

 6E3000

 FFAD58

 521900

 FFC872

 370300

 FFE48D

 1D0001

 FFFFA8

 000000

 FFFFC4

 FFFFEO

 A95F02

 A95F02

■ A95E00

■ A96613

■ A96E24

■ A97535

■ A97D46

■ A98456

■ A98C67

■ A99378

■ A99B89

■ A9A29A

# Harmonies

## Analogous

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



C54738



A95F02



7F7200

# Triad

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



A95F02



00887B



7E5FC5

# Complementary

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



A95F02



024CA9

# 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.



0074D8



A95F02



0088AD

# Square

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



A95F02



008645



0082CF



B6459C

# Rectangle

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



A95F02



5D7C00



0082CF



6067CE



# Sweetspot

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



A95F02



DBBE9A



A9024D



6E5C46



EDEDED



6E6E6E



# Same Dimension

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



A95F02



DB7A00



A1A902



54504C



945200



140B00



# Inverse Universe

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



024CA9



0061DB



0A02A9



4C4F54



004294

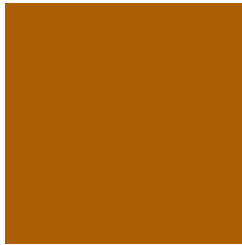


000914



# Previews

## White Background



This preview shows how the Hex color A95F02 looks on a white background.

## Color Contrast Check

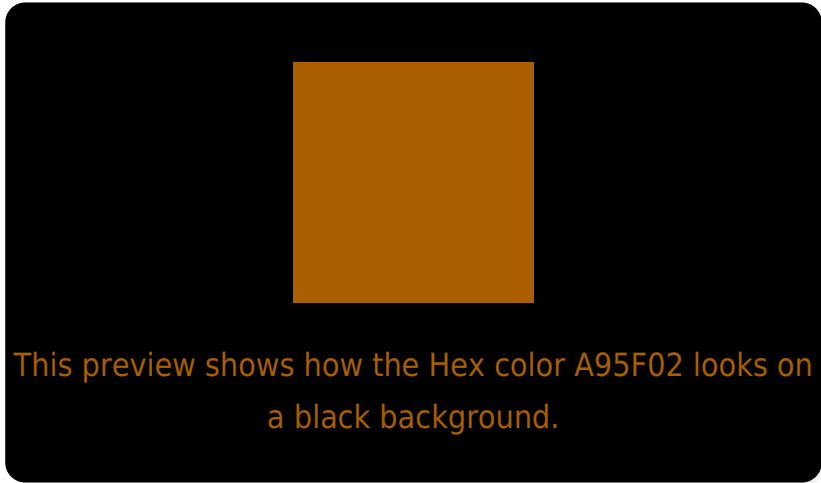
Large Text (above 18pt) WCAG AA ✓ Pass

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 A95F02 Background



This preview shows how black text looks on a background with the Hex color A95F02.



This preview shows how white text looks on a background with the Hex color A95F02.

# 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



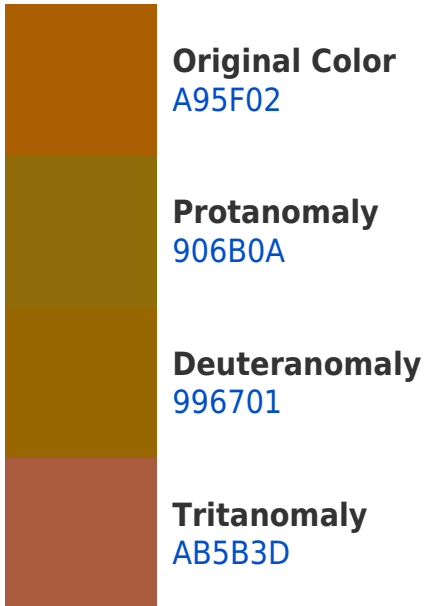
**Original Color**  
A95F02

**Protanopia**  
81720E

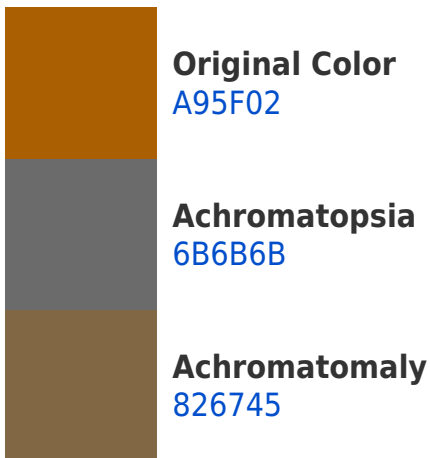
**Deuteranopia**  
906C00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A95F02 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 #A95F02 looks like.

```
.text, #text, p{  
    color:#A95F02  
}
```

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 #A95F02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A95F02
}
```

## Border

The CSS property to change the border of an element to Hex A95F02 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
#A95F02 }
```

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

```
.border{ border-color:#A95F02 }
```

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

Here you see how a box with a 4 pixel #A95F02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A95F02; -webkit-box-shadow:4px 4px  
4px 4px #A95F02; box-shadow:4px 4px 4px  
4px #A95F02 }
```

# Background

The CSS property to change the background color of an element to Hex A95F02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A95F02 }
```

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

```
.background{ background-color:#A95F02 }
```

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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