

# Converting Colors

Hex(A9520F)

Have a look what the booklet for  
Hex(A9520F) contains.

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**Color**

**Hex(A9520F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9520F
RGB	169, 82, 15
RGB Percent	66%, 32%, 6%
CMY	0.3373, 0.6784, 0.9412
CMYK	0.00, 0.51, 0.91, 0.34
HSL	26°, 84%, 36%
HSV	26°, 91%, 66%
XYZ	19.4657, 14.5041, 2.2256
YIQ	100.3750, 73.3590, -2.3930

# Conversions

## Conversions Part 2

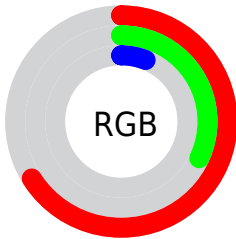
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 134, 15
Decimal	11096591
CIELab	44.95, 32.02, 50.40
CIELCh	45, 59.709, 57.572
Yxy	14.5041, 0.5378, 0.4007
Android (android.graphics.Color)	4289286671 (0xFFA9520F)
YUV	100.3750, -42.0899, 60.1841
Hunter-Lab	38.0842, 24.5879, 23.1942

# Details

The Hex color **A9520F** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **0F66A9**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **E68543**, and **6E2200** is the 20% darker color. If you saturate the color by 10%, you get **A94A00**, and if you desaturate by 10%, it is **A95C20**.

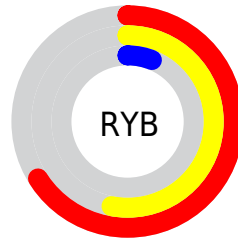
# Distribution



Red (66%)

Green (32%)

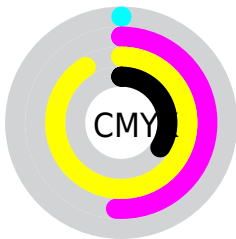
Blue (6%)



Red (66%)

Yellow (53%)

Blue (6%)

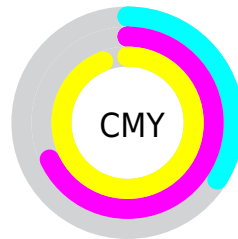


Cyan (0%)

Magenta (51%)

Yellow (91%)

Black (34%)



Cyan (34%)

Magenta (68%)

Yellow (94%)


# Brightness & Saturation Gradients

These gradients show how the Hex color A9520F 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 A9520F by changing the saturation by 10% instead.



 A9520F

 A9520F

FFFFFF

 8B3A00

 E68543

 6E2200

 FFA05C

 510700

 FFBB76

 360000

 FFD790

 160000

 FFF3AB

 000000

 FFFFC7

 FFFFEE

 A9520F

 A9520F

■ A94A00

■ A95C20

■ A96531

■ A96F42

■ A97853

■ A98263

■ A98B74

■ A99585

■ A99E96

■ A9A8A7

# Harmonies

## Analogous

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



BF3B40



A9520F



846700

# Triad

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



A9520F



008065



5E5FC3

# Complementary

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



A9520F



0F66A9

# 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.



0072CF



A9520F



008097

# Square

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



A9520F



007D31



007CBE



A146A1

# Rectangle

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



A9520F



657100



007CBE



3366CA



# Sweetspot

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



A9520F



DBBAA0



A90F66



6E5A4B



EDEDED



6E6E6E



# Same Dimension

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



A9520F



DB5F00



A99F0F



544F4C



944000



140900



# Inverse Universe

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



0F66A9



007CDB



0F19A9



4C5054



005494



000C14



# Previews

## White Background



This preview shows how the Hex color A9520F looks on a white background.

## Color Contrast Check

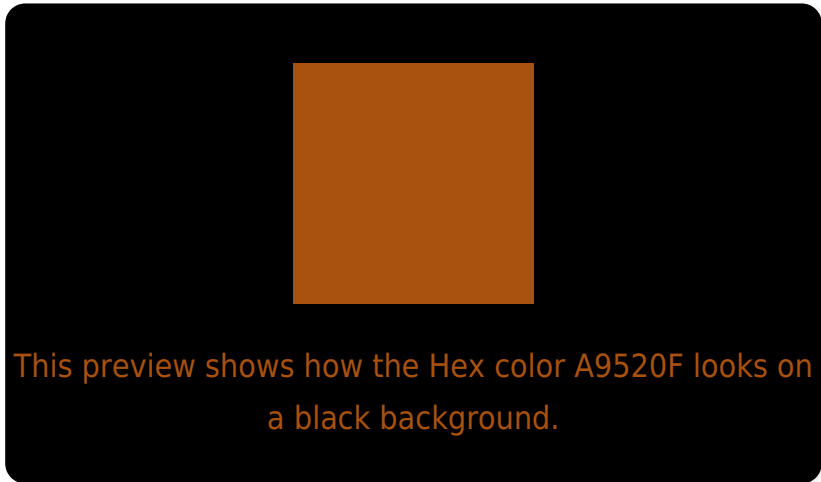
Large Text (above 18pt) WCAG AA ✓ Pass

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 A9520F Background



This preview shows how black text looks on a background with the Hex color A9520F.



This preview shows how white text looks on a background with the Hex color A9520F.

# 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



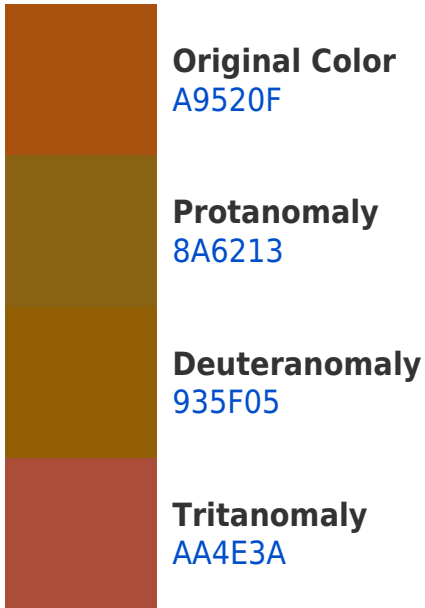
**Original Color**  
A9520F

**Protanopia**  
786B16

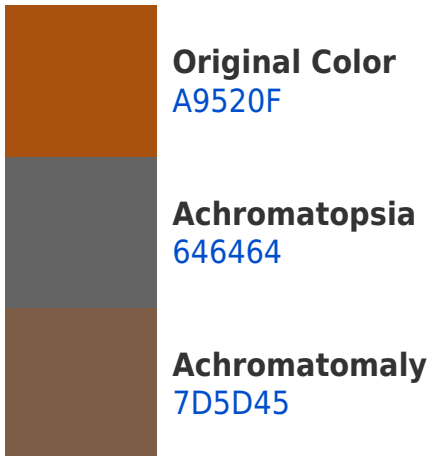
**Deuteranopia**  
876600



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9520F 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 #A9520F looks like.

```
.text, #text, p{  
    color:#A9520F  
}
```

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 #A9520F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9520F
}
```

## Border

The CSS property to change the border of an element to Hex A9520F 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
#A9520F }
```

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

```
.border{ border-color:#A9520F }
```

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

Here you see how a box with a 4 pixel #A9520F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9520F; -webkit-box-shadow:4px 4px  
4px 4px #A9520F; box-shadow:4px 4px 4px  
4px #A9520F }
```

# Background

The CSS property to change the background color of an element to Hex A9520F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9520F }
```

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

```
.background{ background-color:#A9520F }
```

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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