

Converting Colors

Hex(CFA90A)

Have a look what the booklet for
Hex(CFA90A) contains.

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Color

Hex(CFA90A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CFA90A |
| RGB | 207, 169, 10 |
| RGB Percent | 81%, 66%, 4% |
| CMY | 0.1882, 0.3373, 0.9608 |
| CMYK | 0.00, 0.18, 0.95, 0.19 |
| HSL | 48°, 91%, 43% |
| HSV | 48°, 95%, 81% |
| XYZ | 39.9749, 41.6632, 6.2221 |
| YIQ | 162.2360, 73.6870, -41.3930 |

Conversions

Conversions Part 2

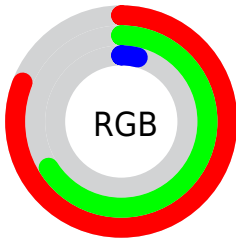
| Format | Color |
|-------------------------------------|---|
| RYB | 57, 207, 10 |
| Decimal | 13609226 |
| CIELab | 70.64, 1.18, 72.34 |
| CIELCh | 71, 72.351, 89.069 |
| Yxy | 41.6632, 0.4550, 0.4742 |
| Android (android.graphics.Color) | 4291799306 (0xFFCFA90A) |
| YUV | 162.2360, -75.0523, 39.2580 |
| Hunter-Lab | 64.5471, -2.4099, 39.4676 |

Details

The Hex color **CFA90A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0A30CF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFE051**, and **947500** is the 20% darker color. If you saturate the color by 10%, you get **CFA700**, and if you desaturate by 10%, it is **CFAD1F**.

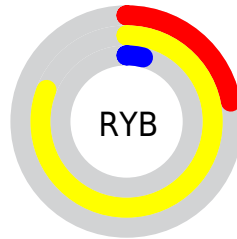
Distribution



Red (81%)

Green (66%)

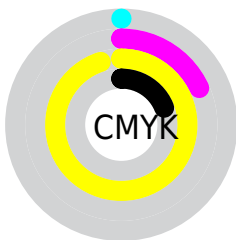
Blue (4%)



Red (22%)

Yellow (81%)

Blue (4%)

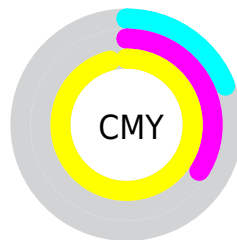


Cyan (0%)

Magenta (18%)

Yellow (95%)

Black (19%)



Cyan (19%)

Magenta (34%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFA90A 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 CFA90A by changing the saturation by 10% instead.

 CFA90A

 CFA90A

FFFFFF

 B18F00

 FFE051

 947500

 FFFC6D

 775D00

 FFFF89

 5B4600

 FFFFA6

 403000

 FFFFC2

 271B00

 FFFFDF

 070100

 FFFFFD

 000000

 CFA90A

 CFA90A

 CFA700

 CFAD1F

 CFB133

 CFB548

 CFB95D

 CFBD72

 CFC186

 CFC59B

 CFC9B0

 CFCDC4

Harmonies

Analogous

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



FF8F38



CFA90A



8EBC2A

Triad

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



CFA90A



00CBEB



FA7EF2

Complementary

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



CFA90A



0A30CF

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.



A79CFF



CFA90A



00C4FF

Square

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



CFA90A



00CBA9



00B5FF



FF6BB2

Rectangle

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



CFA90A



53C351



00B5FF



E488FF

Sweetspot

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



CFA90A



FFF1B5



CF0A31



807753



000000



808080

Same Dimension

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



CFA90A



FFCE00



94CF0A



69675E



A88800



292100

Inverse Universe

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



0A30CF



0031FF



450ACF



5E6069



0020A8



000829

Previews

White Background



This preview shows how the Hex color CFA90A looks on a white background.

Color Contrast Check

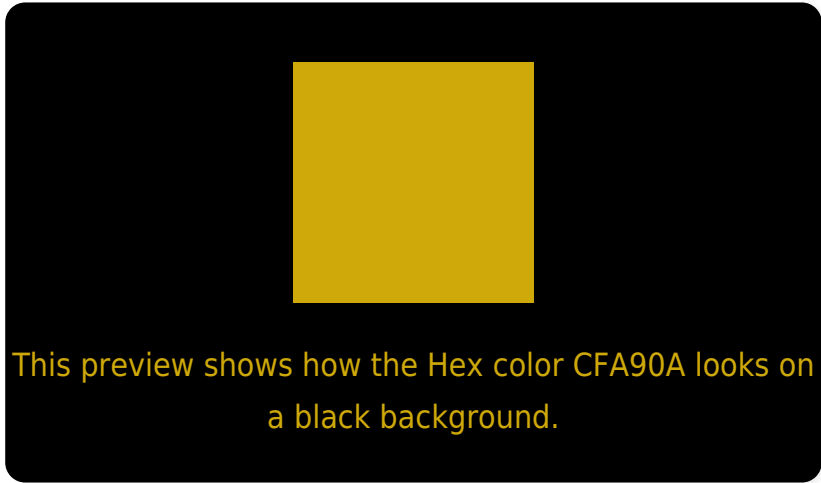
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex CFA90A Background



This preview shows how black text looks on a background with the Hex color CFA90A.



This preview shows how white text looks on a background with the Hex color CFA90A.

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
CFA90A

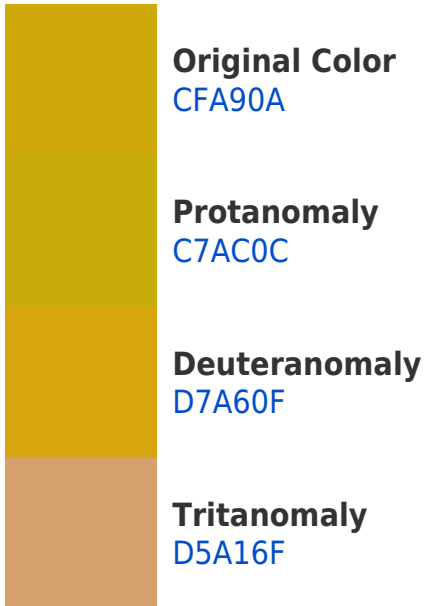
Protanopia
C3AD0D

Deuteranopia
DBA412

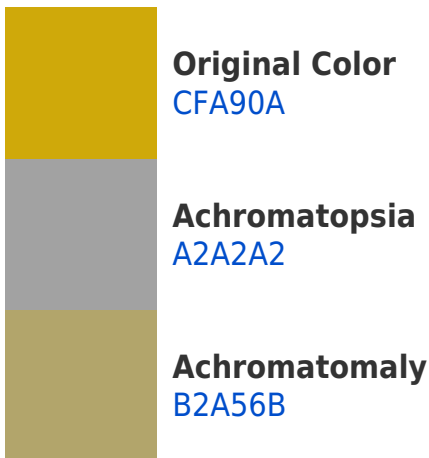


Tritanopia
D89DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFA90A 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 #CFA90A looks like.

```
.text, #text, p{  
    color:#CFA90A  
}
```

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 #CFA90A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFA90A
}
```

Border

The CSS property to change the border of an element to Hex CFA90A 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
#CFA90A }
```

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

```
.border{ border-color:#CFA90A }
```

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

Here you see how a box with a 4 pixel #CFA90A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFA90A; -webkit-box-shadow:4px 4px  
4px 4px #CFA90A; box-shadow:4px 4px 4px  
4px #CFA90A }
```

Background

The CSS property to change the background color of an element to Hex CFA90A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFA90A }
```

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

```
.background{ background-color:#CFA90A }
```

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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