

Converting Colors

Hex(C6950A)

Have a look what the booklet for
Hex(C6950A) contains.

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Color

Hex(C6950A)

Conversions

Conversions Part 1

Format	Color
Hex	C6950A
RGB	198, 149, 10
RGB Percent	78%, 58%, 4%
CMY	0.2235, 0.4157, 0.9608
CMYK	0.00, 0.25, 0.95, 0.22
HSL	44°, 90%, 41%
HSV	44°, 95%, 78%
XYZ	34.0909, 33.5226, 4.9609
YIQ	147.8050, 73.8230, -32.8410

Conversions

Conversions Part 2

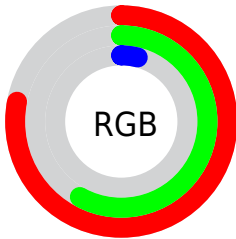
Format	Color
RYB	76, 198, 10
Decimal	13014282
CIELab	64.58, 7.92, 67.50
CIELCh	65, 67.964, 83.311
Yxy	33.5226, 0.4697, 0.4619
Android (android.graphics.Color)	4291204362 (0xFFC6950A)
YUV	147.8050, -67.9379, 44.0210
Hunter-Lab	57.8987, 3.7787, 35.4490

Details

The Hex color **C6950A** 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 **0A3BC6**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFCB4D**, and **8B6300** is the 20% darker color. If you saturate the color by 10%, you get **C69200**, and if you desaturate by 10%, it is **C69A1E**.

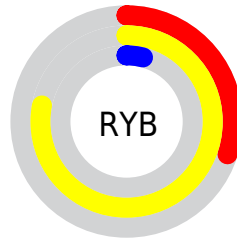
Distribution



Red (78%)

Green (58%)

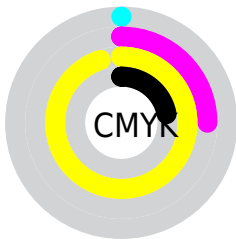
Blue (4%)



Red (30%)

Yellow (78%)

Blue (4%)

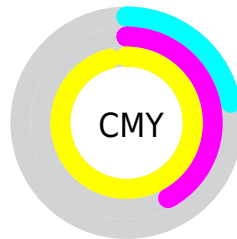


Cyan (0%)

Magenta (25%)

Yellow (95%)

Black (22%)



Cyan (22%)

Magenta (42%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6950A 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 C6950A by changing the saturation by 10% instead.

 C6950A

 C6950A

FFFFFF

 A87B00

 FFCB4D

 8B6300

 FFE769

 6E4B00

 FFFF84

 523500

 FFFFA0

 382000

 FFFFBC

 200A00

 FFFFFD9

 000000

 FFFFF6

 C6950A

 C6950A

 C69200

 C69A1E

 C69F32

 C6A445

 C6AA59

 C6AF6D

 C6B481

 C6B995

 C6BEA8

 C6C3BC

Harmonies

Analogous

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



F17C3A



C6950A



8DA719

Triad

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



C6950A



00B9CB



D977E6

Complementary

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



C6950A



0A3BC6

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.



8292FF



C6950A



00B4FD

Square

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



C6950A



00B88D



00A8FF



FF61AD

Rectangle

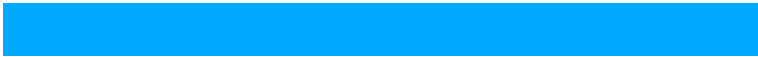
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C6950A



5CB03D



00A8FF



C280F6

Sweetspot

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



C6950A



FFECB8



C60A3C



807454



000000



808080

Same Dimension

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



C6950A



FFBD00



9AC60A



63615A



A37900



241A00

Inverse Universe

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



0A3BC6



0042FF



360AC6



5A5C63



002BA3



000924

Previews

White Background



This preview shows how the Hex color C6950A looks on a white background.

Color Contrast Check

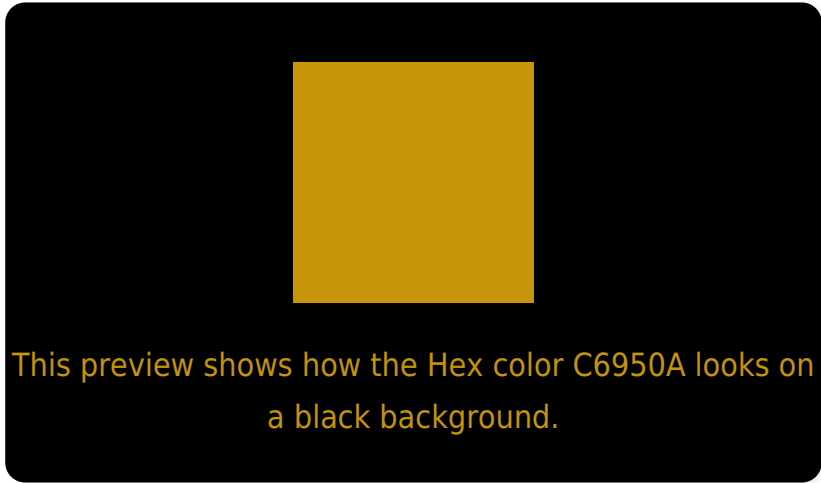
Large Text (above 18pt) WCAG AA × Fail

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 C6950A Background



This preview shows how black text looks on a background with the Hex color C6950A.

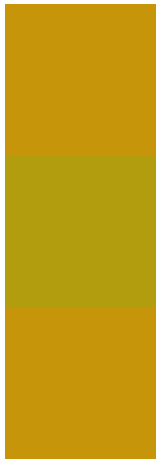


This preview shows how white text looks on a background with the Hex color C6950A.

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
C6950A

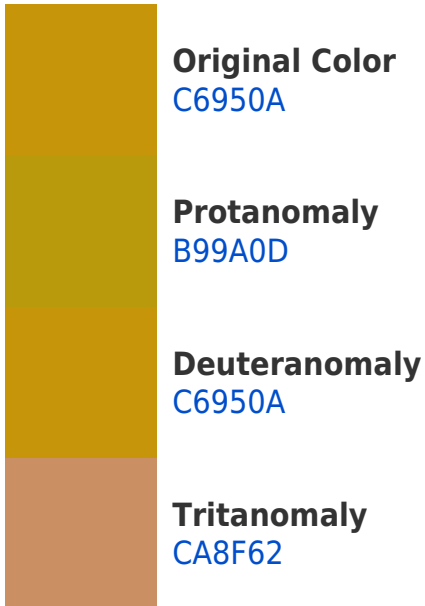
Protanopia
B19D0E

Deuteranopia
C6950A

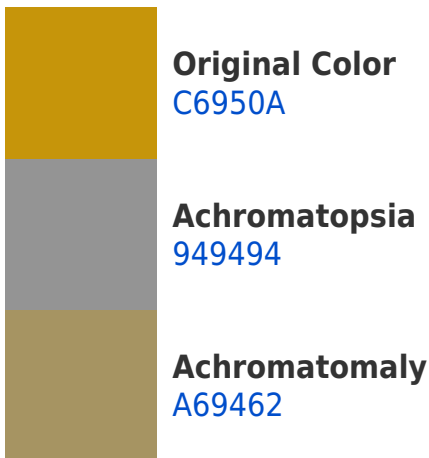


Tritanopia
CD8B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6950A 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 #C6950A looks like.

```
.text, #text, p{  
    color:#C6950A  
}
```

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 #C6950A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6950A
}
```

Border

The CSS property to change the border of an element to Hex C6950A 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
#C6950A }
```

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

```
.border{ border-color:#C6950A }
```

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

Here you see how a box with a 4 pixel #C6950A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6950A; -webkit-box-shadow:4px 4px  
4px 4px #C6950A; box-shadow:4px 4px 4px  
4px #C6950A }
```

Background

The CSS property to change the background color of an element to Hex C6950A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6950A }
```

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

```
.background{ background-color:#C6950A }
```

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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