

Converting Colors

Hex(C6A944)

Have a look what the booklet for
Hex(C6A944) contains.

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Color

Hex(C6A944)

Conversions

Conversions Part 1

Format	Color
Hex	C6A944
RGB	198, 169, 68
RGB Percent	78%, 66%, 27%
CMY	0.2235, 0.3373, 0.7333
CMYK	0.00, 0.15, 0.66, 0.22
HSL	47°, 53%, 52%
HSV	47°, 66%, 78%
XYZ	38.5201, 40.7991, 11.3136
YIQ	166.1570, 49.7050, -25.2630

Conversions

Conversions Part 2

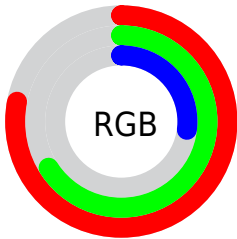
Format	Color
RYB	105, 198, 68
Decimal	13019460
CIELab	70.03, -0.82, 54.31
CIELCh	70, 54.317, 90.870
Yxy	40.7991, 0.4250, 0.4502
Android (android.graphics.Color)	4291209540 (0xFFC6A944)
YUV	166.1570, -48.3914, 27.9263
Hunter-Lab	63.8741, -4.1332, 34.2102

Details

The Hex color **C6A944** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4461C6**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFE079**, and **8D7508** is the 20% darker color. If you saturate the color by 10%, you get **C6A530**, and if you desaturate by 10%, it is **C6AD58**.

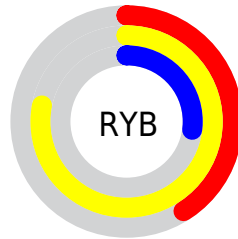
Distribution



Red (78%)

Green (66%)

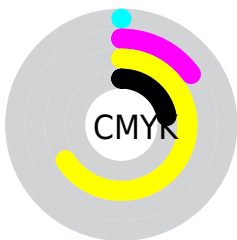
Blue (27%)



Red (41%)

Yellow (78%)

Blue (27%)

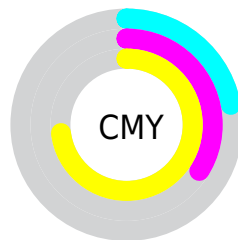


Cyan (0%)

Magenta (15%)

Yellow (66%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6A944 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 C6A944 by changing the saturation by 10% instead.



C6A944



C6A944

FFFFFF



A98F29



FFE079



8D7508



FFFC94



715D00



FFFFAF



564600



FFFFCB



3C3000



FFFFE8



231B00



000000



C6A944



C6A944



C6A530



C6AD58

 C6A01C

 C6B26C

 C69C09

 C6B67F

 C69A00

 C6BB93

 C6BFA7

 C6C4BB

 C6C8CF

 C6CCE2

 C6D1F6

Harmonies

Analogous

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



ED9755



C6A944



94B752

Triad

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



C6A944



00C3DC



E98BDC

Complementary

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



C6A944



4461C6

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.



B09EFF



C6A944



00BDFF

Square

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



C6A944



00C4AB



4CB0FF



FF80AC

Rectangle

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



C6A944



6BBE6A



4CB0FF



D990EA

Sweetspot

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



C6A944



FFF4CC



C64462



807961



000000



808080

Same Dimension

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



C6A944



FFD236



A3C644



63615A



A37F00



241C00

Inverse Universe

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



4461C6



3662FF



6744C6



5A5C63



0024A3



000824

Previews

White Background



This preview shows how the Hex color C6A944 looks on a white background.

Color Contrast Check

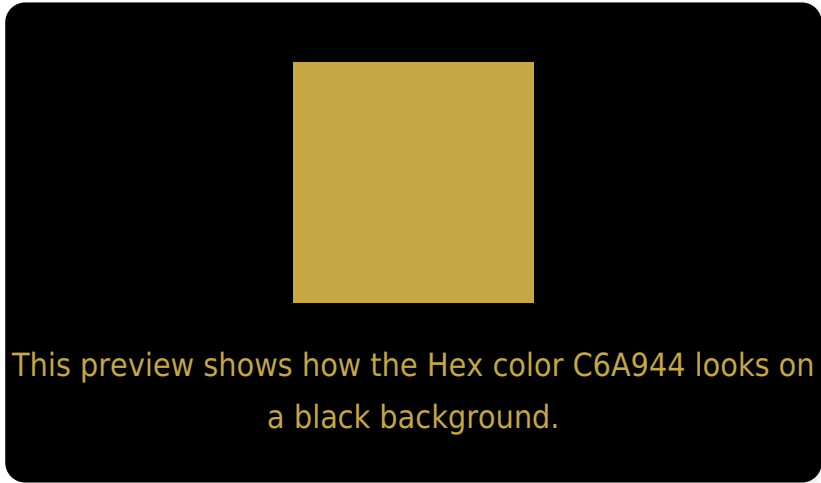
Large Text (above 18pt) WCAG AA × Fail

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 C6A944 Background



This preview shows how black text looks on a background with the Hex color C6A944.



This preview shows how white text looks on a background with the Hex color C6A944.

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

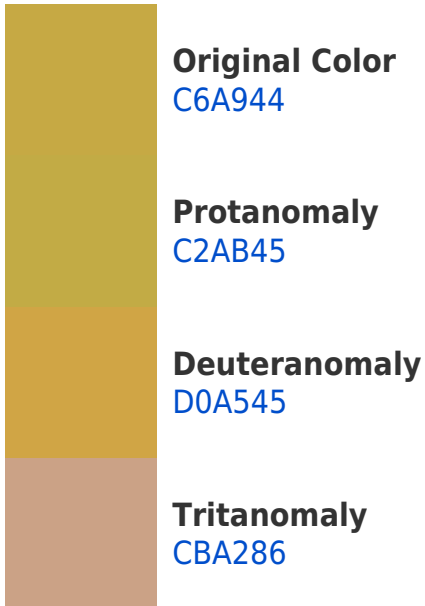


Original Color
C6A944

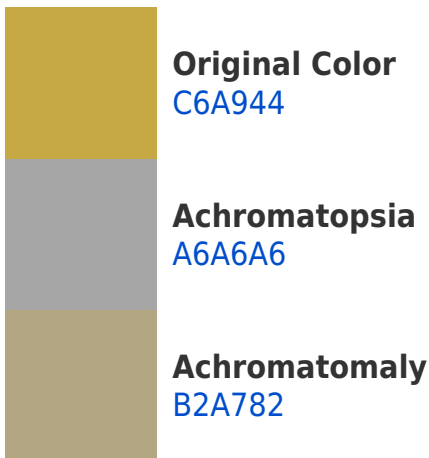
Protanopia
BFAC45

Deuteranopia
D5A346

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6A944 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 #C6A944 looks like.

```
.text, #text, p{  
    color:#C6A944  
}
```

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 #C6A944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A944
}
```

Border

The CSS property to change the border of an element to Hex C6A944 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
#C6A944 }
```

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

```
.border{ border-color:#C6A944 }
```

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

Here you see how a box with a 4 pixel #C6A944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A944; -webkit-box-shadow:4px 4px  
4px 4px #C6A944; box-shadow:4px 4px 4px  
4px #C6A944 }
```

Background

The CSS property to change the background color of an element to Hex C6A944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A944 }
```

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

```
.background{ background-color:#C6A944 }
```

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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