

# Converting Colors

Hex(C6A23F)

Have a look what the booklet for  
Hex(C6A23F) contains.

<b>Hex(C6A23F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C6A23F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6A23F
RGB	198, 162, 63
RGB Percent	78%, 64%, 25%
CMY	0.2235, 0.3647, 0.7529
CMYK	0.00, 0.18, 0.68, 0.22
HSL	44°, 54%, 51%
HSV	44°, 68%, 78%
XYZ	37.1062, 38.2053, 10.1213
YIQ	161.4780, 53.2350, -23.1570

# Conversions

## Conversions Part 2

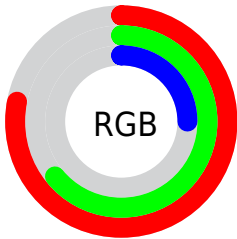
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 198, 63
Decimal	13017663
CIELab	68.17, 2.62, 54.52
CIELCh	68, 54.588, 87.246
Yxy	38.2053, 0.4343, 0.4472
Android (android.graphics.Color)	4291207743 (0xFFC6A23F)
YUV	161.4780, -48.5497, 32.0298
Hunter-Lab	61.8104, -1.0106, 33.5587

# Details

The Hex color **C6A23F** 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 **3F63C6**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD973**, and **8C6F00** is the 20% darker color. If you saturate the color by 10%, you get **C69D2B**, and if you desaturate by 10%, it is **C6A753**.

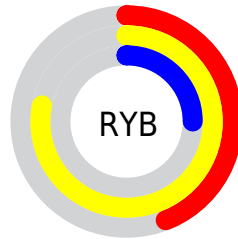
# Distribution



Red (78%)

Green (64%)

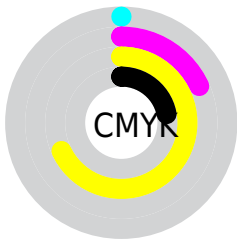
Blue (25%)



Red (44%)

Yellow (78%)

Blue (25%)

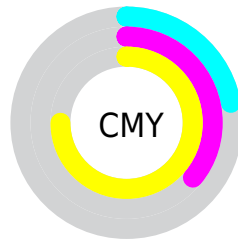


Cyan (0%)

Magenta (18%)

Yellow (68%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6A23F 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 C6A23F by changing the saturation by 10% instead.





C6A23F



C6A23F

FFFFFF



A98824



FFD973



8C6F00



FFF58E



715700



FFFFAA



564000



FFFFC6



3B2A00



FFFFE2



221600



000000



C6A23F



C6A23F



C69D2B



C6A753

 C69717

 C6AD67

 C69204

 C6B27A

 C69100

 C6B78E

 C6BCA2

 C6C2B6

 C6C7CA

 C6CCDD

 C6D2F1

# Harmonies

## Analogous

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



EB9054



C6A23F



95B14A

# Triad

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



C6A23F



00BED2



DE87DC

# Complementary

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



C6A23F



3F63C6

# 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.



A19BFE



C6A23F



00B9F8

# Square

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



C6A23F



00BEA0



2BADFF



FD7BAD

# Rectangle

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



C6A23F



6EB760



2BADFF



CD8EEA



# Sweetspot

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



C6A23F



FFF1CC



C63F63



807761



000000



808080



# Same Dimension

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



C6A23F



FFC72E



A7C63F



63615A



A37800



241A00



# Inverse Universe

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



3F63C6



2E66FF



5F3FC6



5A5C63



002CA3

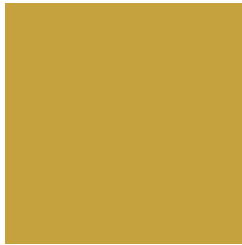


000A24



# Previews

## White Background



This preview shows how the Hex color C6A23F looks on a white background.

## Color Contrast Check

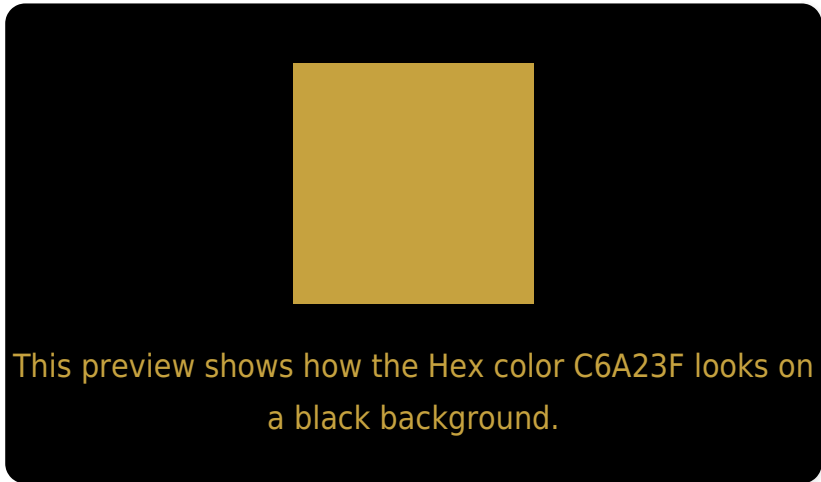
Large Text (above 18pt) WCAG AA × Fail

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 C6A23F Background



This preview shows how black text looks on a background with the Hex color C6A23F.



This preview shows how white text looks on a background with the Hex color C6A23F.

# 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](#).

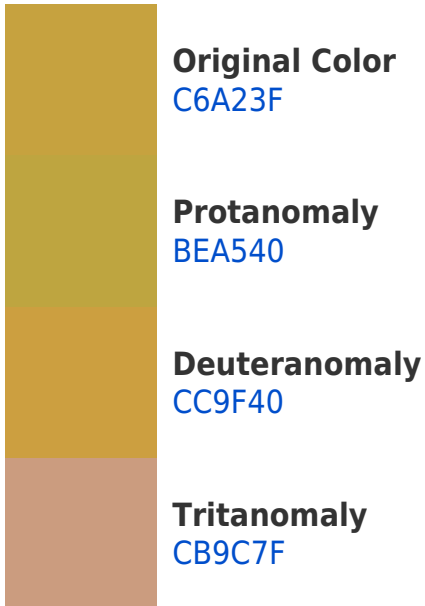
## Dichromacy



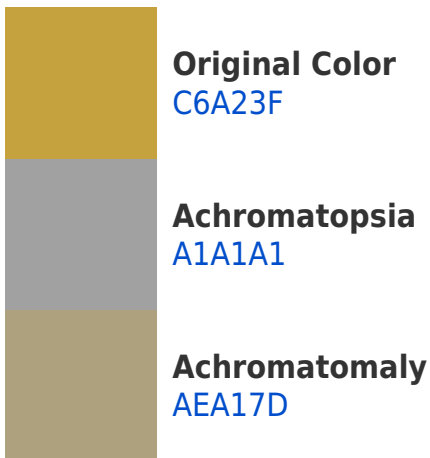


**Tritanopia**  
CE98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6A23F 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 #C6A23F looks like.

```
.text, #text, p{  
    color:#C6A23F  
}
```

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 #C6A23F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A23F
}
```

## Border

The CSS property to change the border of an element to Hex C6A23F 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
#C6A23F }
```

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

```
.border{ border-color:#C6A23F }
```

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

Here you see how a box with a 4 pixel #C6A23F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A23F; -webkit-box-shadow:4px 4px  
4px 4px #C6A23F; box-shadow:4px 4px 4px  
4px #C6A23F }
```

# Background

The CSS property to change the background color of an element to Hex C6A23F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A23F }
```

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

```
.background{ background-color:#C6A23F }
```

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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