

Converting Colors

Hex(C9B55F)

Have a look what the booklet for
Hex(C9B55F) contains.

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Color

Hex(C9B55F)

Conversions

Conversions Part 1

Format	Color
Hex	C9B55F
RGB	201, 181, 95
RGB Percent	79%, 71%, 37%
CMY	0.2118, 0.2902, 0.6275
CMYK	0.00, 0.10, 0.53, 0.21
HSL	49°, 50%, 58%
HSV	49°, 53%, 79%
XYZ	42.6768, 46.2915, 17.5123
YIQ	177.1760, 39.5260, -22.5060

Conversions

Conversions Part 2

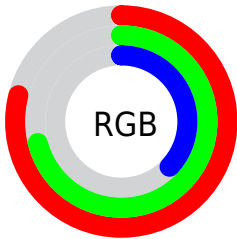
Format	Color
RYB	120, 201, 95
Decimal	13219167
CIELab	73.73, -3.91, 45.95
CIELCh	74, 46.115, 94.867
Yxy	46.2915, 0.4008, 0.4347
Android (android.graphics.Color)	4291409247 (0xFFC9B55F)
YUV	177.1760, -40.5128, 20.8936
Hunter-Lab	68.0378, -7.1019, 32.3658

Details

The Hex color **C9B55F** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5F73C9**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFED93**, and **91802C** is the 20% darker color. If you saturate the color by 10%, you get **C9B14B**, and if you desaturate by 10%, it is **C9B973**.

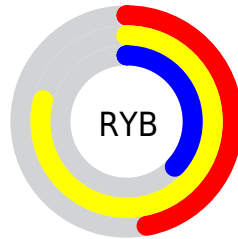
Distribution



Red (79%)

Green (71%)

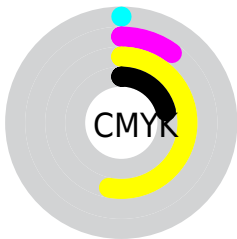
Blue (37%)



Red (47%)

Yellow (79%)

Blue (37%)

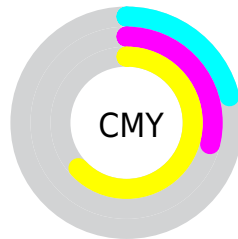


Cyan (0%)

Magenta (10%)

Yellow (53%)

Black (21%)



Cyan (21%)

Magenta (29%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9B55F 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 C9B55F by changing the saturation by 10% instead.

 C9B55F

FFFFFF

 FFED93

 FFFFFAF

 FFFFCB

 FFFFE7

 C9B55F

 C9B55F

 AD9A46

 91802C

 756811

 5B5000

 423900

 282400

 0B0F00

 000000

 C9B55F

 C9B14B

 C9B973

 C9AD37

 C9BD87

 C9AA23

 C9C09B

 C9A60F

 C9C4AF

 C9A300

 C9C8C4

 C9CCD8

 C9D0EC

 C9D3FF

 C9D7FF

Harmonies

Analogous

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



EDA669



C9B55F



9CC16E

Triad

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



C9B55F



00CAE4



F099DA

Complementary

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



C9B55F



5F73C9

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.



C2A8FB



C9B55F



00C3FF

Square

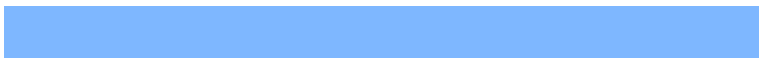
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C9B55F



00CBBB



7EB7FF



FF93B0

Rectangle

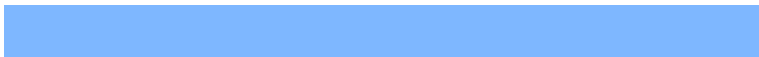
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C9B55F



7AC683



7EB7FF



E39DE6

Sweetspot

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



C9B55F



FFF7D6



C95F74



807B67



000000



808080

Same Dimension

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



C9B55F



FFE15E



A9C95F



63625A



A38400



241D00

Inverse Universe

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



5F73C9



5E7DFF



7F5FC9



5A5B63



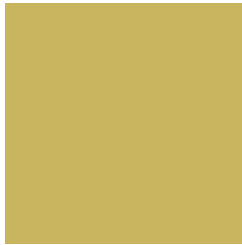
001FA3



000724

Previews

White Background



This preview shows how the Hex color C9B55F looks on a white background.

Color Contrast Check

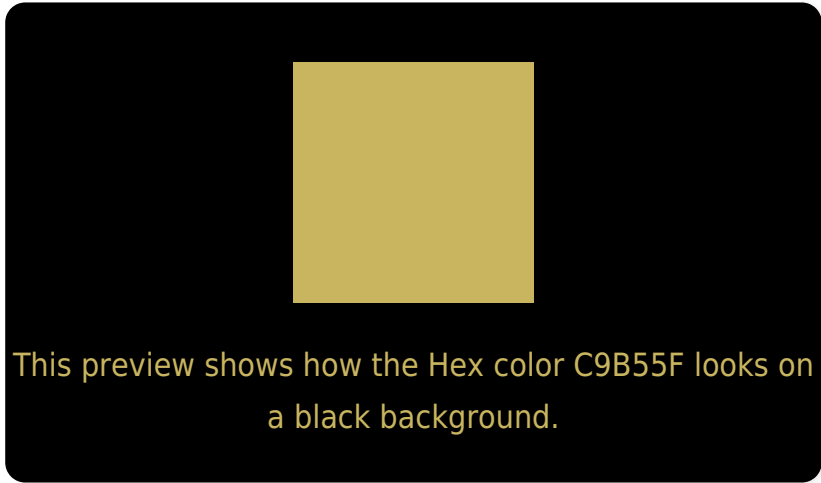
Large Text (above 18pt) WCAG AA × Fail

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 C9B55F Background



This preview shows how black text looks on a background with the Hex color C9B55F.



This preview shows how white text looks on a background with the Hex color C9B55F.

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
C9B55F

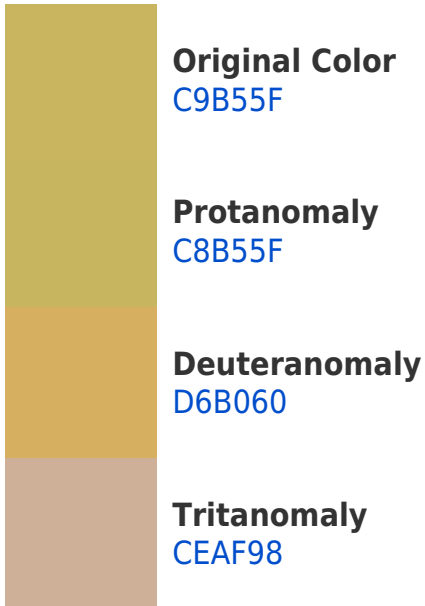
Protanopia
C8B55F

Deuteranopia
DEAD61

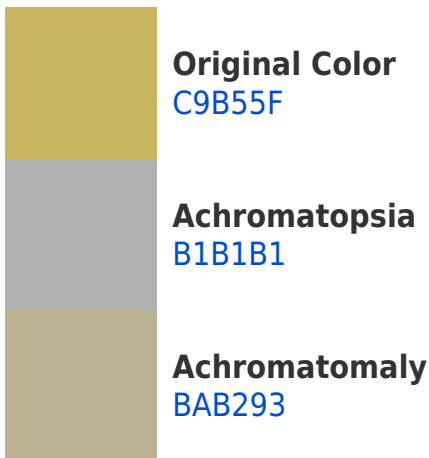


Tritanopia
D1ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9B55F 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 #C9B55F looks like.

```
.text, #text, p{  
    color:#C9B55F  
}
```

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 #C9B55F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9B55F
}
```

Border

The CSS property to change the border of an element to Hex C9B55F 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
#C9B55F }
```

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

```
.border{ border-color:#C9B55F }
```

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

Here you see how a box with a 4 pixel #C9B55F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9B55F; -webkit-box-shadow:4px 4px  
4px 4px #C9B55F; box-shadow:4px 4px 4px  
4px #C9B55F }
```

Background

The CSS property to change the background color of an element to Hex C9B55F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9B55F }
```

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

```
.background{ background-color:#C9B55F }
```

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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