

# Converting Colors

Hex(CF905D)

Have a look what the booklet for  
Hex(CF905D) contains.

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**Color**

**Hex(CF905D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF905D
RGB	207, 144, 93
RGB Percent	81%, 56%, 36%
CMY	0.1882, 0.4353, 0.6353
CMYK	0.00, 0.30, 0.55, 0.19
HSL	27°, 54%, 59%
HSV	27°, 55%, 81%
XYZ	37.6812, 34.0022, 14.9330
YIQ	157.0230, 53.9190, -2.5050

# Conversions

## Conversions Part 2

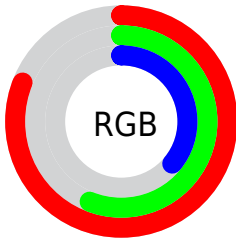
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 185, 93</a>
Decimal	<a href="#">13602909</a>
<a href="#">CIELab</a>	<a href="#">64.96, 18.33, 36.45</a>
<a href="#">CIElCh</a>	<a href="#">65, 40.801, 63.312</a>
<a href="#">Yxy</a>	<a href="#">34.0022, 0.4350, 0.3926</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291792989 (0xFFCF905D)</a>
<a href="#">YUV</a>	<a href="#">157.0230, -31.5633, 43.8298</a>
<a href="#">Hunter-Lab</a>	<a href="#">58.3114, 13.3027, 25.6344</a>

# Details

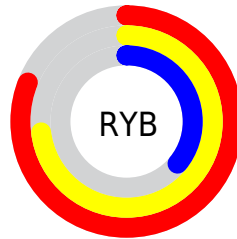
The Hex color **CF905D** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5D9CCF**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC690**, and **955D2D** is the 20% darker color. If you saturate the color by 10%, you get **CF8548**, and if you desaturate by 10%, it is **CF9B72**.

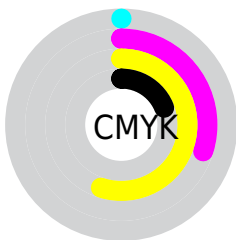
# Distribution



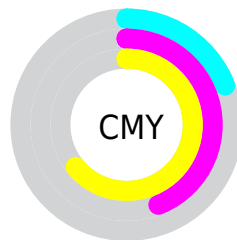
- Red (81%)
- Green (56%)
- Blue (36%)



- Red (81%)
- Yellow (73%)
- Blue (36%)



- Cyan (0%)
- Magenta (30%)
- Yellow (55%)
- Black (19%)



- Cyan (19%)
- Magenta (44%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF905D 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 CF905D by changing the saturation by 10% instead.





CF905D



CF905D

FFFFFF



B27645



FFC690



955D2D



FFE2AB



794616



FFFFC7



5E2F00



FFFFE3



431900



2A0300



000000



CF905D



CF905D



CF8548



CF9B72

 CF7934

 CFA786

 CF6E1F

 CFB29B

 CF620A

 CFBEB0

 CF5D00

 CFC9C5

 CFD5D9

 CFE0EE

 CFECFF

 CFF7FF

# Harmonies

## Analogous

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



E18577



CF905D



B19D53

# Triad

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



CF905D



0FB1A1



A793DB

# Complementary

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



CF905D



5D9CCF

# 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.



6BA0E6



CF905D



00B0C5

# Square

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



CF905D



5DAE7C



00AADE



CF86BF

# Rectangle

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



CF905D



98A459



00AADE



9597E1



# Sweetspot

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



CF905D



FFE7D4



CF5D9E



807166



000000



808080



# Same Dimension

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



CF905D



FFA257



CFC75D



69635E



A84B00



291200



# Inverse Universe

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



5D9CCF



57B4FF



5D65CF



5E6469



005DA8



001729



# Previews

## White Background



This preview shows how the Hex color CF905D looks on a white background.

## Color Contrast Check

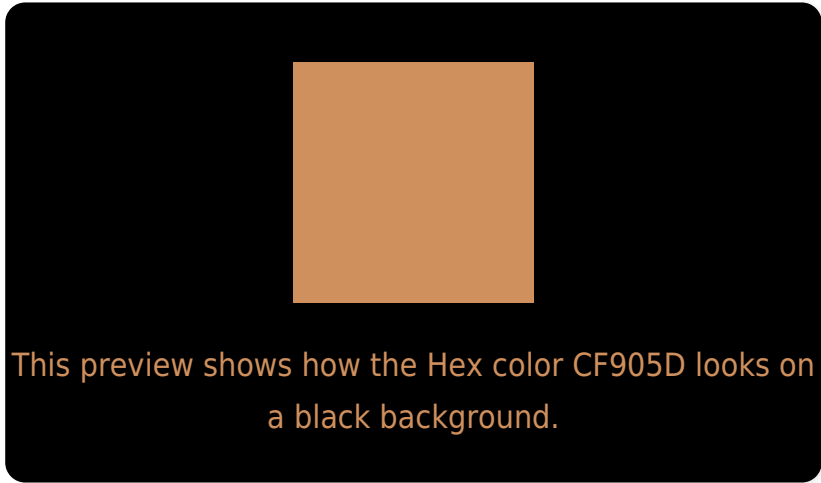
Large Text (above 18pt) WCAG AA × Fail

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

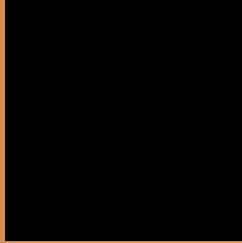
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CF905D Background



This preview shows how black text looks on a background with the Hex color CF905D.



This preview shows how white text looks on a background with the Hex color CF905D.

# 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**  
CF905D

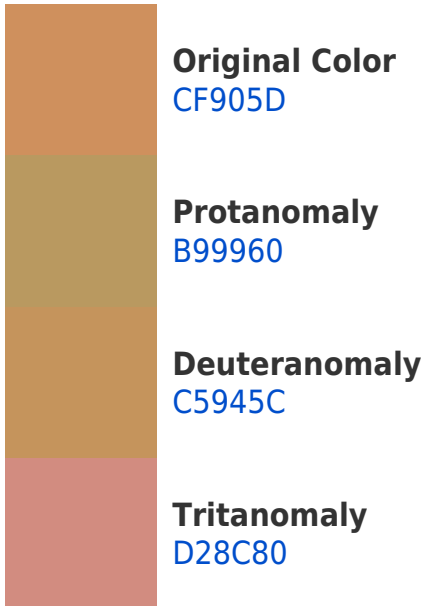
**Protanopia**  
AC9E62

**Deuteranopia**  
C0975C



**Tritanopia**  
D38994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF905D 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 #CF905D looks like.

```
.text, #text, p{  
    color:#CF905D  
}
```

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 #CF905D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF905D
}
```

## Border

The CSS property to change the border of an element to Hex CF905D 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
#CF905D }
```

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

```
.border{ border-color:#CF905D }
```

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

Here you see how a box with a 4 pixel #CF905D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF905D; -webkit-box-shadow:4px 4px  
4px 4px #CF905D; box-shadow:4px 4px 4px  
4px #CF905D }
```

# Background

The CSS property to change the background color of an element to Hex CF905D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF905D }
```

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

```
.background{ background-color:#CF905D }
```

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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