

# Converting Colors

Hex(C0975D)

Have a look what the booklet for  
Hex(C0975D) contains.

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**Color**

**Hex(C0975D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0975D
RGB	192, 151, 93
RGB Percent	75%, 59%, 36%
CMY	0.2471, 0.4078, 0.6353
CMYK	0.00, 0.21, 0.52, 0.25
HSL	35°, 44%, 56%
HSV	35°, 52%, 75%
XYZ	34.7806, 34.1300, 15.1105
YIQ	156.6470, 43.0540, -9.3460

# Conversions

## Conversions Part 2

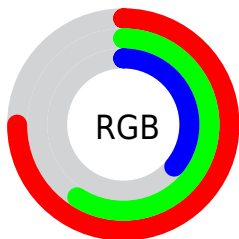
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 192, 93
Decimal	12621661
CIELab	65.07, 8.21, 36.22
CIElCh	65, 37.141, 77.227
Yxy	34.1300, 0.4140, 0.4062
Android (android.graphics.Color)	4290811741 (0xFFC0975D)
YUV	156.6470, -31.3780, 31.0046
Hunter-Lab	58.4209, 4.0327, 25.5593

# Details

The Hex color **C0975D** 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 **5D86C0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FACD90**, and **88642D** is the 20% darker color. If you saturate the color by 10%, you get **C08F4A**, and if you desaturate by 10%, it is **C09F70**.

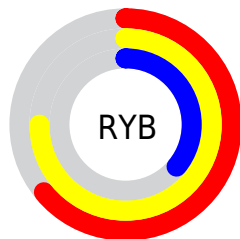
# Distribution



Red (75%)

Green (59%)

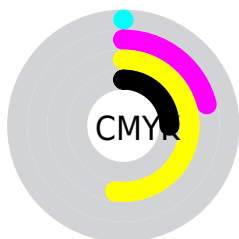
Blue (36%)



Red (64%)

Yellow (75%)

Blue (36%)

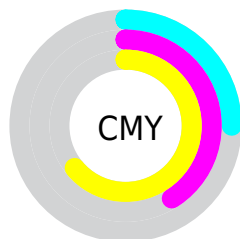


Cyan (0%)

Magenta (21%)

Yellow (52%)

Black (25%)



Cyan (25%)

Magenta (41%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0975D 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 C0975D by changing the saturation by 10% instead.



 C0975D

 C0975D

FFFFFF

 A47D45

 FACD90

 88642D

 FFE9AB

 6D4C15

 FFFFC7

 533600

 FFFFFE3

 392100

 210B00

 000000

 C0975D

 C0975D

 C08F4A

 C09F70

 C08737

 C0A783

 C07F23

 C0AF97

 C07710

 C0B7AA

 C07000

 C0BFBD

 C0C7D0

 C0CFE3

 C0D7F7

 C0DFFF

# Harmonies

## Analogous

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



D68C6F



C0975D



A0A25D

# Triad

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



C0975D



10B0B0



B98ECB

# Complementary

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



C0975D



5D86C0

# 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.



8C9BDD



C0975D



00ADCE

# Square

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



C0975D



4FAF8E



52A5DE



D585AE

# Rectangle

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



C0975D



88A868



52A5DE



AC92D3

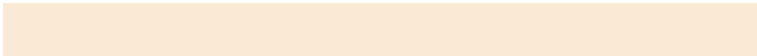


# Sweetspot

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



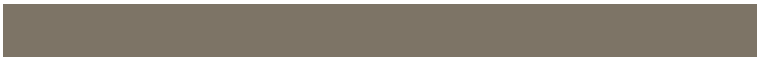
C0975D



FAEAD4



C05D86



7D7466



FCFCFC



7D7D7D



# Same Dimension

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



C0975D



FABA5F



B8C05D



615D57



A15E00



211300

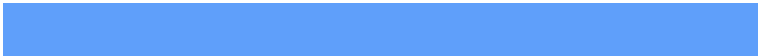


# Inverse Universe

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



5D86C0



5F9FFA



655DC0



575B61



0043A1

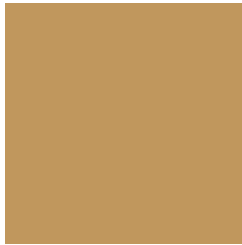


000E21



# Previews

## White Background



This preview shows how the Hex color C0975D looks on a white background.

## Color Contrast Check

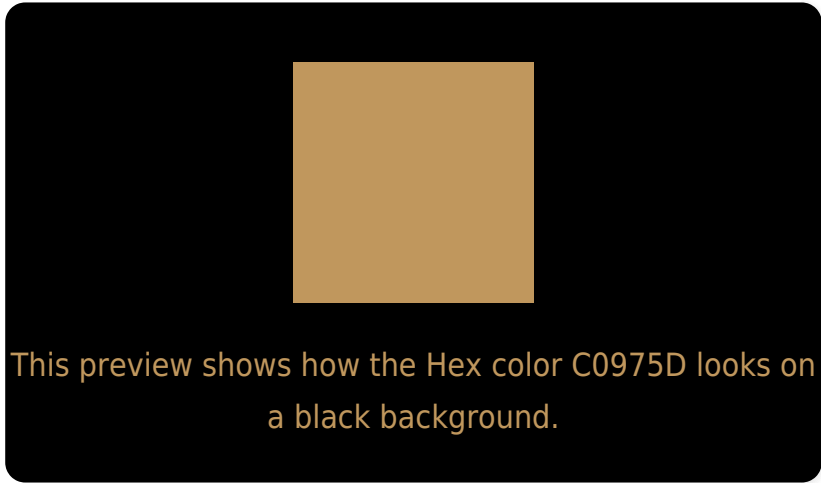
Large Text (above 18pt) WCAG AA × Fail

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

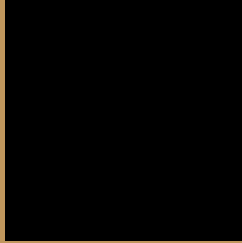
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0975D Background



This preview shows how black text looks on a background with the Hex color C0975D.



This preview shows how white text looks on a background with the Hex color C0975D.

# 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**  
C0975D

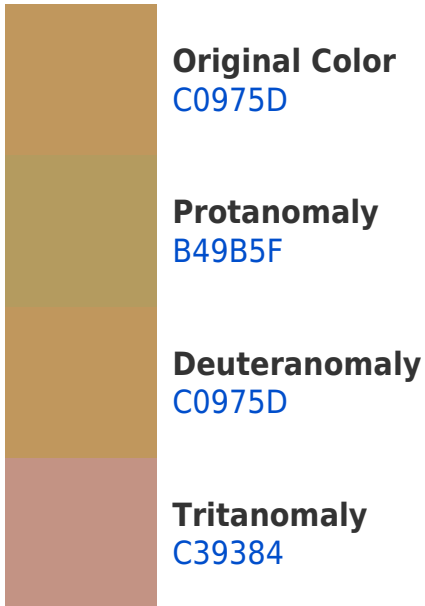
**Protanopia**  
AD9E60

**Deuteranopia**  
C0975D

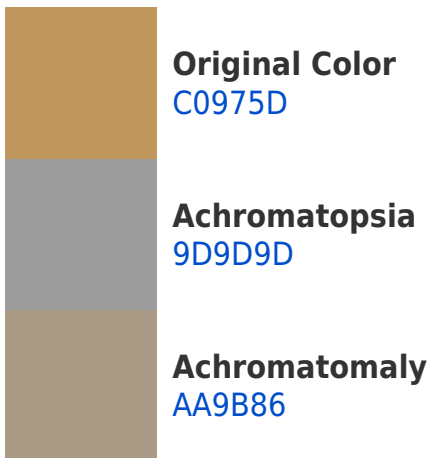


**Tritanopia**  
C5909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0975D 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 #C0975D looks like.

```
.text, #text, p{  
    color:#C0975D  
}
```

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 #C0975D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0975D
}
```

## Border

The CSS property to change the border of an element to Hex C0975D 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
#C0975D }
```

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

```
.border{ border-color:#C0975D }
```

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

Here you see how a box with a 4 pixel #C0975D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0975D; -webkit-box-shadow:4px 4px  
4px 4px #C0975D; box-shadow:4px 4px 4px  
4px #C0975D }
```

# Background

The CSS property to change the background color of an element to Hex C0975D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0975D }
```

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

```
.background{ background-color:#C0975D }
```

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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