

# Converting Colors

Hex(D9685F)

Have a look what the booklet for  
Hex(D9685F) contains.

<b>Hex(D9685F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D9685F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9685F
RGB	217, 104, 95
RGB Percent	85%, 41%, 37%
CMY	0.1490, 0.5922, 0.6275
CMYK	0.00, 0.52, 0.56, 0.15
HSL	4°, 62%, 61%
HSV	4°, 56%, 85%
XYZ	35.6311, 25.4786, 13.8664
YIQ	136.7610, 70.2370, 21.1570

# Conversions

## Conversions Part 2

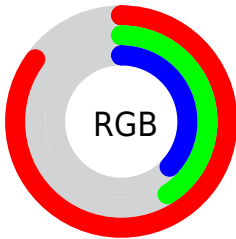
Format	Color
R <sub>Y</sub> B	217, 105, 95
Decimal	14248031
CIE Lab	57.54, 43.55, 26.17
CIE LCh	58, 50.804, 31.003
Yxy	25.4786, 0.4752, 0.3398
Android (android.graphics.Color)	4292438111 (0xFFD9685F)
YUV	136.7610, -20.5882, 70.3696
Hunter-Lab	50.4763, 37.6694, 19.0458

# Details

The Hex color **D9685F** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5FD0D9**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF9E92**, and **9D3431** is the 20% darker color. If you saturate the color by 10%, you get **D95449**, and if you desaturate by 10%, it is **D97C75**.

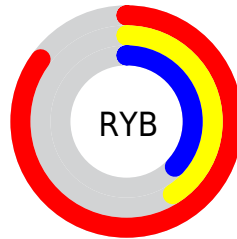
# Distribution



Red (85%)

Green (41%)

Blue (37%)



Red (85%)

Yellow (41%)

Blue (37%)

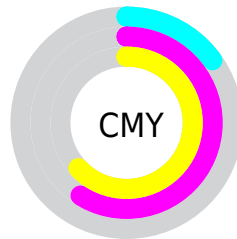


Cyan (0%)

Magenta (52%)

Yellow (56%)

Black (15%)



Cyan (15%)

Magenta (59%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9685F 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 D9685F by changing the saturation by 10% instead.



 D9685F

 D9685F

FFFFFF

 BB4E47

 FF9E92

 9D3431

 FFB9AC

 80171B

 FFD6C8

 630003

 FFF3E4

 470000

 2D0001

 000000

 D9685F

 D9685F

 D95449

 D97C75

 D94034

 D9908A

 D92C1E

 D9A4A0

 D91808

 D9B8B6

 D91000

 D9CCCB

 D9E1E1

 D9F5F7

 D9FFFF

# Harmonies

## Analogous

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



DA628B



D9685F



C4783C

# Triad

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



D9685F



349D5D



268FE3

# Complementary

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



D9685F



5FD0D9

# 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.



009AD7



D9685F



00A08A

# Square

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



D9685F



749539



009FB7



8E7ED7

# Rectangle

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



D9685F



AE832E



009FB7



0093E2

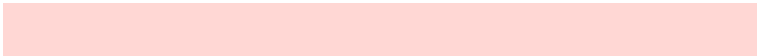


# Sweetspot

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



D9685F



FFD7D4



D95FD1



806866



000000



808080



# Same Dimension

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



D9685F



FF6154



D9A45F



6E6363



AD0D00



2E0300



# Inverse Universe

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



5FD0D9



54F2FF



5F94D9



636D6E



00A1AD



002B2E



# Previews

## White Background



This preview shows how the Hex color D9685F looks on a white background.

## Color Contrast Check

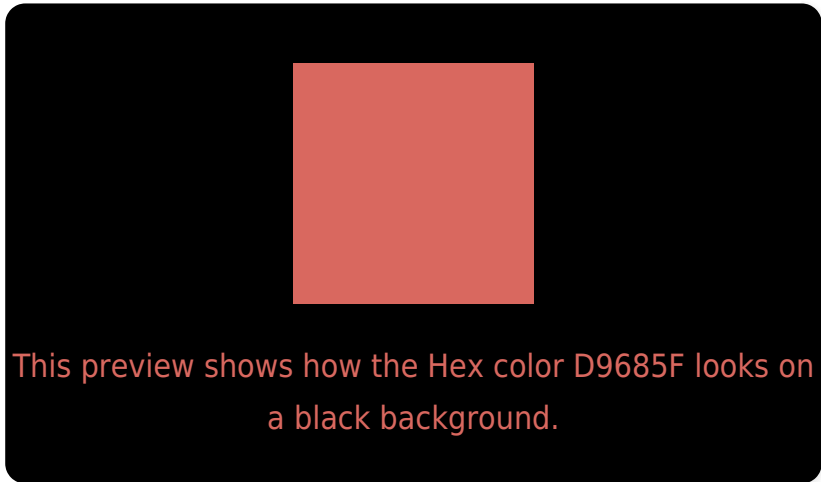
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex D9685F Background



This preview shows how black text looks on a background with the Hex color D9685F.

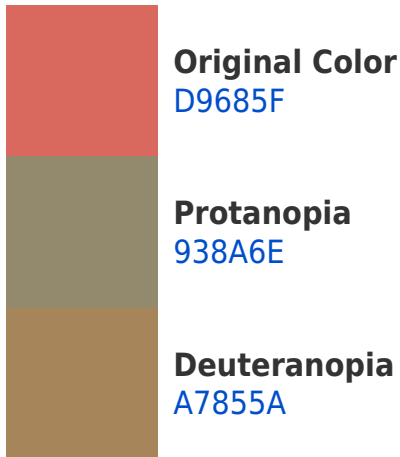



This preview shows how white text looks on a background with the Hex color D9685F.

# 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**  
DA666D

# Trichromacy



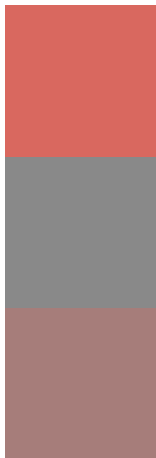
**Original Color**  
D9685F

**Protanomaly**  
AC7E69

**Deuteranomaly**  
B97A5C

**Tritanomaly**  
DA6768

# Monochromacy



**Original Color**  
D9685F

**Achromatopsia**  
898989

**Achromatomaly**  
A67D7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9685F 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 #D9685F looks like.

```
.text, #text, p{  
    color:#D9685F  
}
```

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 #D9685F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9685F
}
```

## Border

The CSS property to change the border of an element to Hex D9685F 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
#D9685F }
```

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

```
.border{ border-color:#D9685F }
```

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

Here you see how a box with a 4 pixel #D9685F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9685F; -webkit-box-shadow:4px 4px  
4px 4px #D9685F; box-shadow:4px 4px 4px  
4px #D9685F }
```

# Background

The CSS property to change the background color of an element to Hex D9685F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9685F }
```

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

```
.background{ background-color:#D9685F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor