

# Converting Colors

Hex(D5684F)

Have a look what the booklet for  
Hex(D5684F) contains.

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# Color

**Hex(D5684F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5684F
RGB	213, 104, 79
RGB Percent	84%, 41%, 31%
CMY	0.1647, 0.5922, 0.6902
CMYK	0.00, 0.51, 0.63, 0.16
HSL	11°, 61%, 57%
HSV	11°, 63%, 84%
XYZ	33.8022, 24.6113, 10.3660
YIQ	133.7410, 72.9890, 15.3330

# Conversions

## Conversions Part 2

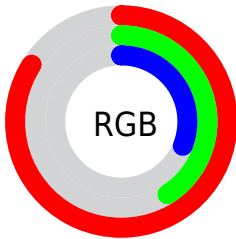
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 110, 79
Decimal	13985871
CIE <sub>Lab</sub>	56.69, 40.91, 34.01
CIE <sub>LCh</sub>	57, 53.200, 39.742
Yxy	24.6113, 0.4915, 0.3578
Android (android.graphics.Color)	4292175951 (0xFFD5684F)
YUV	133.7410, -26.9873, 69.5101
Hunter-Lab	49.6098, 34.8059, 22.3381

# Details

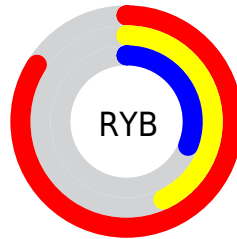
The Hex color **D5684F** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4FBCD5**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9D81**, and **993521** is the 20% darker color. If you saturate the color by 10%, you get **D5573A**, and if you desaturate by 10%, it is **D57964**.

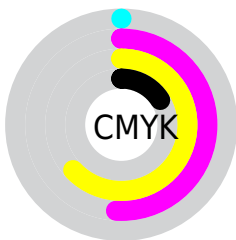
# Distribution



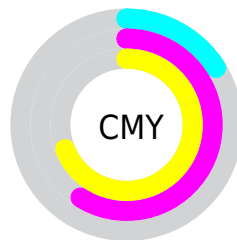
- Red (84%)
- Green (41%)
- Blue (31%)



- Red (84%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (16%)



- Cyan (16%)
- Magenta (59%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5684F 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 D5684F by changing the saturation by 10% instead.



 D5684F

 D5684F

FFFFFF

 B74E38

 FF9D81

 993521

 FFB99B

 7B1A0C

 FFD5B6

 5F0000

 FFF2D2

 420000

 FFFFEE

 280001

 000000

 D5684F

 D5684F

 D5573A

 D57964

 D54524

 D58B7A

 D5340F

 D59C8F

 D52800

 D5ADA4

 D5BFBA

 D5D0CF

 D5E1E4

 D5F3F9

 D5FFFF

# Harmonies

## Analogous

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



DD5D7B



D5684F



BA7A2E

# Triad

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



D5684F



009C66



4988E4

# Complementary

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



D5684F



4FBCD5

# 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.



0096DF



D5684F



009F96

# Square

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



D5684F



60963C



009DC2



9E75D0

# Rectangle

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



D5684F



A18623



009DC2



008DE5

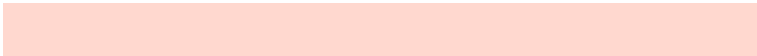


# Sweetspot

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



D5684F



FFD8CF



D54FBC



806862



000000



808080



# Same Dimension

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



D5684F



FF6340



D5AB4F



6B6260



AB2000



2B0800



# Inverse Universe

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



4FBCD5



40DBFF



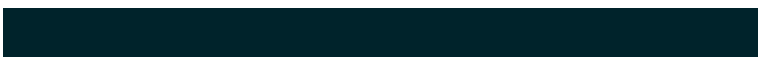
4F79D5



60696B



008BAB

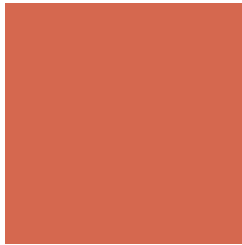


00232B



# Previews

## White Background



This preview shows how the Hex color D5684F looks on a white background.

## Color Contrast Check

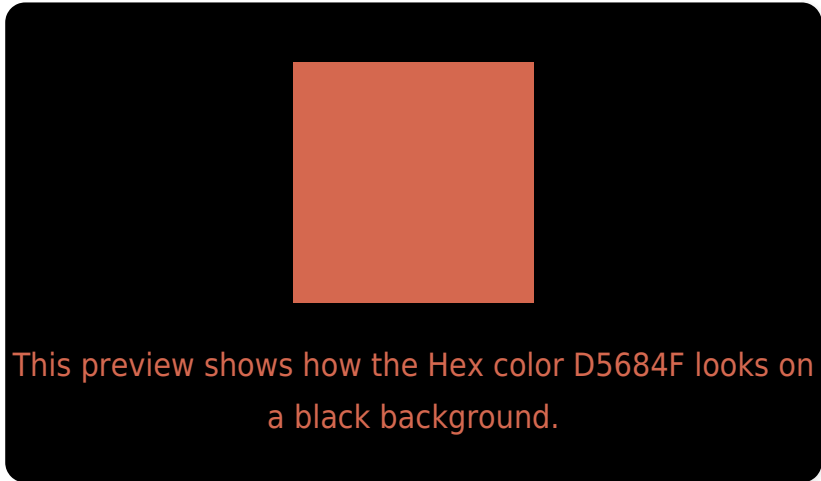
Large Text (above 18pt) WCAG AA ✓ Pass

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

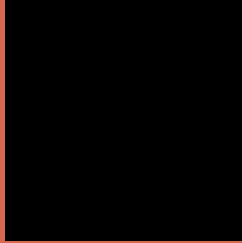
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D5684F Background



This preview shows how black text looks on a background with the Hex color D5684F.



This preview shows how white text looks on a background with the Hex color D5684F.

# 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](#).

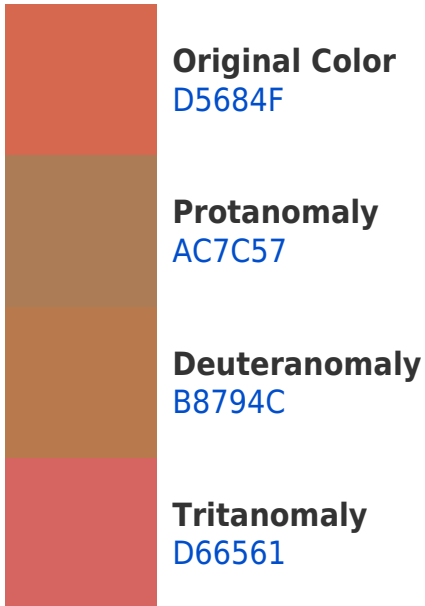
## Dichromacy



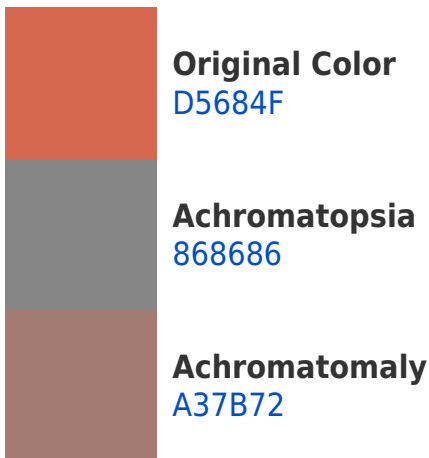


**Tritanopia**  
D7646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5684F 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 #D5684F looks like.

```
.text, #text, p{  
    color:#D5684F  
}
```

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 #D5684F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5684F
}
```

## Border

The CSS property to change the border of an element to Hex D5684F 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".

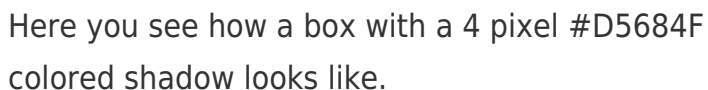
```
.border, #border, table{ border:4px solid
#D5684F }
```

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

```
.border{ border-color:#D5684F }
```

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

Here you see how a box with a 4 pixel #D5684F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5684F; -webkit-box-shadow:4px 4px  
4px 4px #D5684F; box-shadow:4px 4px 4px  
4px #D5684F }
```

# Background

The CSS property to change the background color of an element to Hex D5684F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5684F }
```

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

```
.background{ background-color:#D5684F }
```

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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