

# Converting Colors

Hex(D65F59)

Have a look what the booklet for  
Hex(D65F59) contains.

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# Color

**Hex(D65F59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D65F59
RGB	214, 95, 89
RGB Percent	84%, 37%, 35%
CMY	0.1608, 0.6275, 0.6510
CMYK	0.00, 0.56, 0.58, 0.16
HSL	3°, 60%, 59%
HSV	3°, 58%, 84%
XYZ	33.6269, 23.2018, 12.1573
YIQ	129.8970, 72.8500, 23.3620

# Conversions

## Conversions Part 2

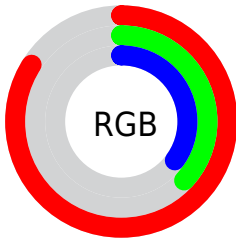
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	214, 95, 89
Decimal	14049113
CIE Lab	55.28, 46.39, 26.59
CIE LCh	55, 53.473, 29.818
Yxy	23.2018, 0.4874, 0.3363
Android (android.graphics.Color)	4292239193 (0xFFD65F59)
YUV	129.8970, -20.1622, 73.7583
Hunter-Lab	48.1683, 40.3188, 18.7535

# Details

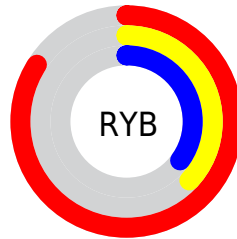
The Hex color **D65F59** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **59D0D6**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF958B**, and **9A292B** is the 20% darker color. If you saturate the color by 10%, you get **D64B44**, and if you desaturate by 10%, it is **D6736E**.

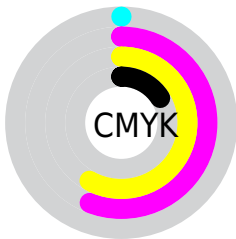
# Distribution



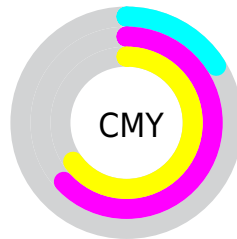
- Red (84%)
- Green (37%)
- Blue (35%)



- Red (84%)
- Yellow (37%)
- Blue (35%)



- Cyan (0%)
- Magenta (56%)
- Yellow (58%)
- Black (16%)



- Cyan (16%)
- Magenta (63%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D65F59 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 D65F59 by changing the saturation by 10% instead.



 D65F59

 D65F59

FFFFFF

 B84542

 FF958B

 9A292B

 FFB1A5

 7C0617

 FFCDC1

 600000

 FFEADD

 430000

 FFFFF9

 270001

 000000

 D65F59

 D65F59

 D64B44

 D6736E

 D6362E

 D68884

 D62219

 D69C99

 D60E03

 D6B0AF

 D60A00

 D6C5C4

 D6D9D9

 D6EEEE

 D6FFFF

# Harmonies

## Analogous

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



D65987



D65F59



C17033

# Triad

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



D65F59



289753



008AE1

# Complementary

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



D65F59



59D0D6

# 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.



0095D4



D65F59



009A83

# Square

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



D65F59



6F8F2D



009AB1



8478D5

# Rectangle

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



D65F59



AA7C22



009AB1



008EE0



# Sweetspot

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



D65F59



FFD3D1



D659D2



806563



000000



808080



# Same Dimension

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



D65F59



FF554D



D69C59



6B6160



AB0800



2B0200



# Inverse Universe

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



59D0D6



4DF6FF



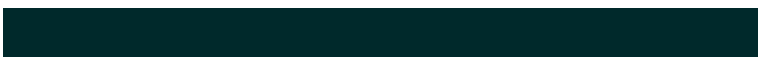
5993D6



606B6B



00A3AB



00292B



# Previews

## White Background



This preview shows how the Hex color D65F59 looks on a white background.

## Color Contrast Check

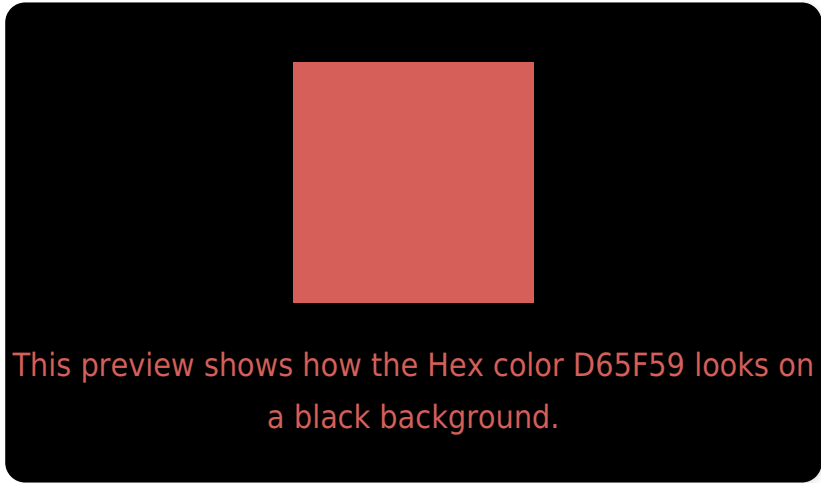
Large Text (above 18pt) WCAG AA ✓ Pass

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 D65F59 Background



This preview shows how black text looks on a background with the Hex color D65F59.



This preview shows how white text looks on a background with the Hex color D65F59.

# 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**  
D75D64

# Trichromacy



**Original Color**  
D65F59

**Protanomaly**  
A87763

**Deuteranomaly**  
B47355

**Tritanomaly**  
D75E60

# Monochromacy



**Original Color**  
D65F59

**Achromatopsia**  
828282

**Achromatomaly**  
A17573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D65F59 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 #D65F59 looks like.

```
.text, #text, p{  
    color:#D65F59  
}
```

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 #D65F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D65F59
}
```

## Border

The CSS property to change the border of an element to Hex D65F59 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
#D65F59 }
```

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

```
.border{ border-color:#D65F59 }
```

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

Here you see how a box with a 4 pixel #D65F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D65F59; -webkit-box-shadow:4px 4px  
4px 4px #D65F59; box-shadow:4px 4px 4px  
4px #D65F59 }
```

# Background

The CSS property to change the background color of an element to Hex D65F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D65F59 }
```

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

```
.background{ background-color:#D65F59 }
```

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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