

# Converting Colors

Hex(D35593)

Have a look what the booklet for  
Hex(D35593) contains.

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# **Color**

**Hex(D35593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D35593
RGB	211, 85, 147
RGB Percent	83%, 33%, 58%
CMY	0.1725, 0.6667, 0.4235
CMYK	0.00, 0.60, 0.30, 0.17
HSL	330°, 59%, 58%
HSV	330°, 60%, 83%
XYZ	35.3789, 22.4525, 30.0728
YIQ	129.7420, 55.1940, 45.9940

# Conversions

## Conversions Part 2

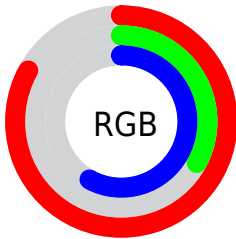
Format	Color
R <sub>Y</sub> B	211, 85, 147
Decimal	13850003
CIE Lab	54.50, 55.78, -8.69
CIE LCh	55, 56.448, 351.145
Yxy	22.4525, 0.4025, 0.2554
Android (android.graphics.Color)	4292040083 (0xFFD35593)
YUV	129.7420, 8.5082, 71.2633
Hunter-Lab	47.3840, 50.3536, -4.4603

# Details

The Hex color **D35593** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **55D395**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF8CC9**, and **991860** is the 20% darker color. If you saturate the color by 10%, you get **D34088**, and if you desaturate by 10%, it is **D36A9E**.

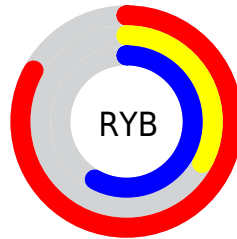
# Distribution



Red (83%)

Green (33%)

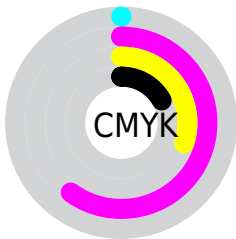
Blue (58%)



Red (83%)

Yellow (33%)

Blue (58%)

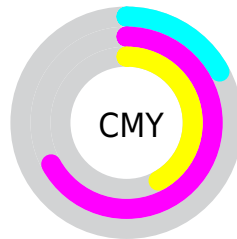


Cyan (0%)

Magenta (60%)

Yellow (30%)

Black (17%)



Cyan (17%)

Magenta (67%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D35593 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 D35593 by changing the saturation by 10% instead.



 D35593

 D35593

FFFFFF

 B63979

 FF8CC9

 991860

 FFA8E5

 7C0049

 FFC5FF

 600032

 FFE2FF

 45001D

 2C0001

 000000

 D35593

 D35593

 D34088

 D36A9E

 D32B7E

 D37FA8

 D31673

 D394B3

 D30168

 D3A9BE

 D30068

 D3BFC9

 D3D4D3

 D3E9DE

 D3FEE9

 D3FFF3

# Harmonies

## Analogous

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



AF66C0



D35593



DA5662

# Triad

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



D35593



7A8A1B



0096CE

# Complementary

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



D35593



55D395

# 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.



0099A4



D35593



3B9441

# Square

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



D35593



A77B16



009972



008CE3

# Rectangle

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



D35593



D16144



009972



0098C2



# Sweetspot

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



D35593



FFD1E8



9455D3



806371



000000



808080



# Same Dimension

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



D35593



FF47A2



D35555



695E63



A80053



290014



# Inverse Universe

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



D35593



FF47A2



55D3D3



695E63



A80053



290014



# Previews

## White Background



This preview shows how the Hex color D35593 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 D35593 Background



This preview shows how black text looks on a background with the Hex color D35593.

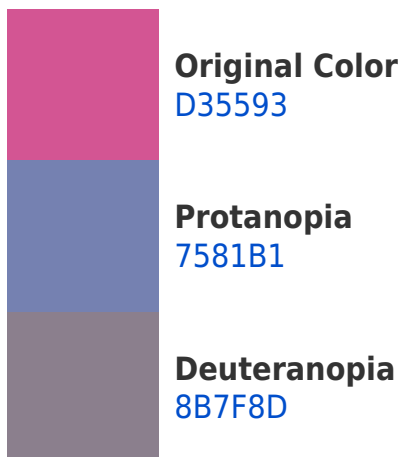


This preview shows how white text looks on a background with the Hex color D35593.

# 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**  
CF5F66

# Trichromacy



**Original Color**  
D35593



**Protanomaly**  
9771A6



**Deuteranomaly**  
A5708F



**Tritanomaly**  
D05B76

# Monochromacy



**Original Color**  
D35593



**Achromatopsia**  
828282



**Achromatomaly**  
9F7288

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D35593 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 #D35593 looks like.

```
.text, #text, p{  
    color:#D35593  
}
```

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 #D35593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D35593
}
```

## Border

The CSS property to change the border of an element to Hex D35593 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
#D35593 }
```

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

```
.border{ border-color:#D35593 }
```

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

Here you see how a box with a 4 pixel #D35593 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D35593; -webkit-box-shadow:4px 4px  
4px 4px #D35593; box-shadow:4px 4px 4px  
4px #D35593 }
```

# Background

The CSS property to change the background color of an element to Hex D35593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D35593 }
```

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

```
.background{ background-color:#D35593 }
```

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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