

# Converting Colors

Hex(D01D5F)

Have a look what the booklet for  
Hex(D01D5F) contains.

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# Color

**Hex(D01D5F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D01D5F
RGB	208, 29, 95
RGB Percent	82%, 11%, 37%
CMY	0.1843, 0.8863, 0.6275
CMYK	0.00, 0.86, 0.54, 0.18
HSL	338°, 76%, 46%
HSV	338°, 86%, 82%
XYZ	28.5173, 15.1148, 12.2409
YIQ	90.0450, 85.4980, 58.4740

# Conversions

## Conversions Part 2

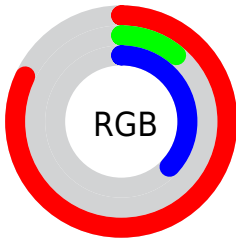
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 29, 95
Decimal	13639007
CIE <sub>Lab</sub>	45.79, 68.39, 10.01
CIE <sub>LCh</sub>	46, 69.117, 8.327
Yxy	15.1148, 0.5104, 0.2705
Android (android.graphics.Color)	4291829087 (0xFFD01D5F)
YUV	90.0450, 2.4428, 103.4465
Hunter-Lab	38.8778, 62.8957, 8.5467

# Details

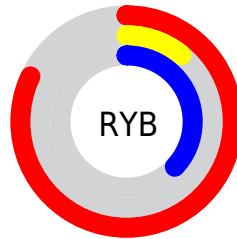
The Hex color **D01D5F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **1DD08E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6191**, and **930032** is the 20% darker color. If you saturate the color by 10%, you get **D00852**, and if you desaturate by 10%, it is **D0326C**.

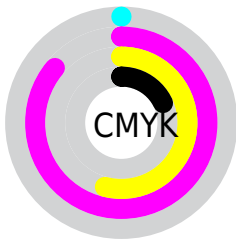
# Distribution



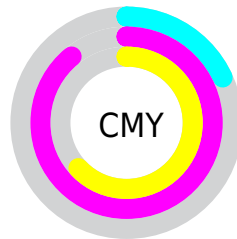
- Red (82%)
- Green (11%)
- Blue (37%)



- Red (82%)
- Yellow (11%)
- Blue (37%)



- Cyan (0%)
- Magenta (86%)
- Yellow (54%)
- Black (18%)



- Cyan (18%)
- Magenta (89%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D01D5F 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 D01D5F by changing the saturation by 10% instead.



 D01D5F

 D01D5F

FFFFFF

 B10048

 FF6191

 930032

 FF7FAC

 74001D

 FF9CC7

 570002

 FFB9E3

 3A0002

 FFD7FF

 110000

 FFF5FF

 000000

 D01D5F

 D01D5F

 D00852

 D0326C

 D0004D

 D04779

 D05B86

 D07094

 D085A1

 D09AAE

 D0AFBB

 D0C3C8

 D0D8D5

# Harmonies

## Analogous

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



BC3198



D01D5F



C63A27

# Triad

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



D01D5F



337C00



007ED9

# Complementary

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



D01D5F



1DD08E

# 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.



0084B3



D01D5F



00833F

# Square

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



D01D5F



756F00



00857C



006FE0

# Rectangle

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



D01D5F



B25000



00857C



0081CF



# Sweetspot

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



D01D5F



FFBDD5



8B1DD0



805867



000000



808080



# Same Dimension

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



D01D5F



FF005E



D0321D



695E62



A8003E



29000F



# Inverse Universe

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



D01D5F



FF005E



1DBBD0



695E62



A8003E



29000F



# Previews

## White Background



This preview shows how the Hex color D01D5F looks on a white background.

## Color Contrast Check

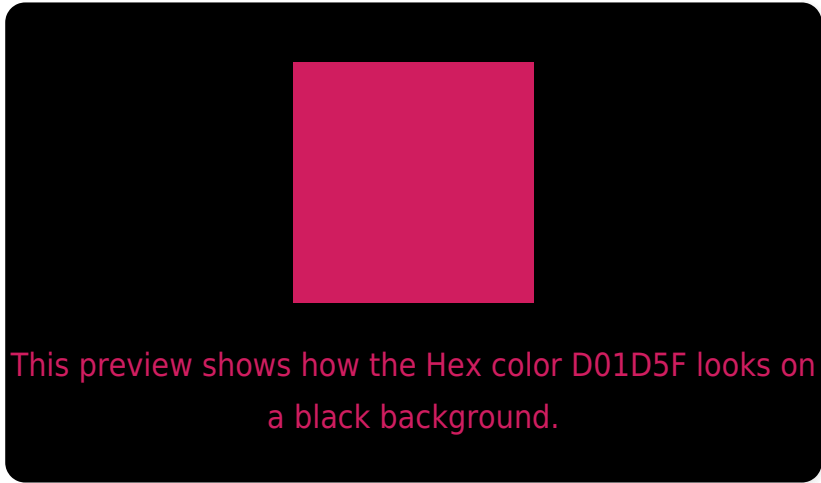
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex D01D5F Background



This preview shows how black text looks on a background with the Hex color D01D5F.

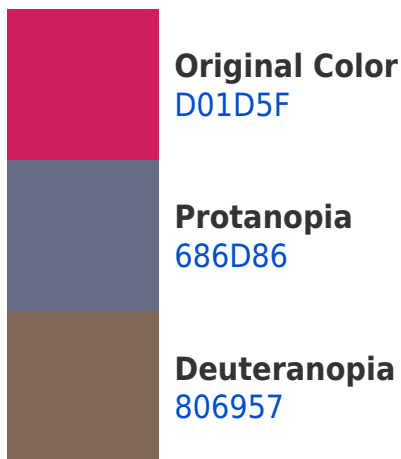


This preview shows how white text looks on a background with the Hex color D01D5F.

# 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





# Trichromacy



**Original Color**  
D01D5F



**Protanomaly**  
8E5078



**Deuteranomaly**  
9D4D5A



**Tritanomaly**  
CF2740

# Monochromacy



**Original Color**  
D01D5F



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
85445C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D01D5F 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 #D01D5F looks like.

```
.text, #text, p{  
    color:#D01D5F  
}
```

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 #D01D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D01D5F
}
```

## Border

The CSS property to change the border of an element to Hex D01D5F 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
#D01D5F }
```

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

```
.border{ border-color:#D01D5F }
```

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

Here you see how a box with a 4 pixel #D01D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D01D5F; -webkit-box-shadow:4px 4px  
4px 4px #D01D5F; box-shadow:4px 4px 4px  
4px #D01D5F }
```

# Background

The CSS property to change the background color of an element to Hex D01D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D01D5F }
```

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

```
.background{ background-color:#D01D5F }
```

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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