

# Converting Colors

Hex(DF1657)

Have a look what the booklet for  
Hex(DF1657) contains.

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# Color

**Hex(DF1657)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF1657
RGB	223, 22, 87
RGB Percent	87%, 9%, 34%
CMY	0.1255, 0.9137, 0.6588
CMYK	0.00, 0.90, 0.61, 0.13
HSL	341°, 82%, 48%
HSV	341°, 90%, 87%
XYZ	32.4386, 16.9499, 10.5788
YIQ	89.5090, 98.9310, 62.8270

# Conversions

## Conversions Part 2

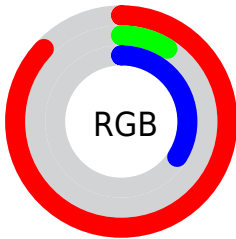
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 22, 87
Decimal	14620247
CIE Lab	48.20, 72.71, 18.74
CIE LCh	48, 75.083, 14.454
Yxy	16.9499, 0.5409, 0.2827
Android (android.graphics.Color)	4292810327 (0xFFDF1657)
YUV	89.5090, -1.2369, 117.0716
Hunter-Lab	41.1703, 68.5947, 13.5845

# Details

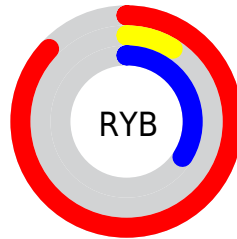
The Hex color **DF1657** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **16DF9E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6188**, and **A0002B** is the 20% darker color. If you saturate the color by 10%, you get **DF0048**, and if you desaturate by 10%, it is **DF2C66**.

# Distribution



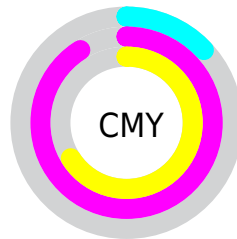
- Red (87%)
- Green (9%)
- Blue (34%)



- Red (87%)
- Yellow (9%)
- Blue (34%)



- Cyan (0%)
- Magenta (90%)
- Yellow (61%)
- Black (13%)



- Cyan (13%)
- Magenta (91%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF1657 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 DF1657 by changing the saturation by 10% instead.



 DF1657

 DF1657

FFFFFF

 BF0040

 FF6188

 A0002B

 FF7FA3

 810017

 FF9DBD

 620002

 FFBAD9

 450003

 FFD8F6

 240001

 FFF6FF

 000000

 DF1657

 DF1657

 DF0048

 DF2C66

 DF4375

 DF5984

 DF6F93

 DF86A2

 DF9CB2

 DFB2C1

 DFC8D0

 DFDFDF

# Harmonies

## Analogous

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



D12496



DF1657



CE4118

# Triad

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



DF1657



0E8500



0083EE

# Complementary

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



DF1657



16DF9E

# 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.



008CCB



DF1657



008B4E

# Square

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



DF1657



6F7900



008D90



0070EF

# Rectangle

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



DF1657



B55900



008D90



0087E6



# Sweetspot

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



DF1657



FFBAD0



9C16DF



805764



000000



808080



# Same Dimension

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



DF1657



FF0052



DF3816



706569



B00039



300010



# Inverse Universe

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



DF1657



FF0052



16BDDF



706569



B00039



300010



# Previews

## White Background



This preview shows how the Hex color DF1657 looks on a white background.

## Color Contrast Check

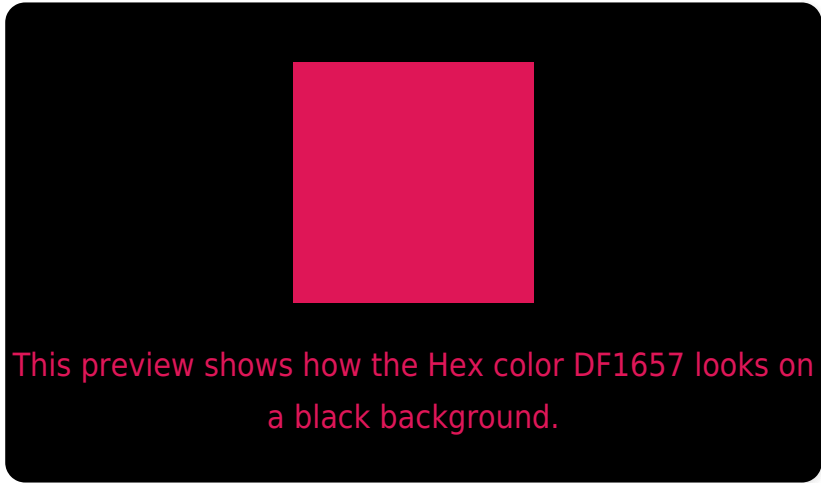
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF1657 Background



This preview shows how black text looks on a background with the Hex color DF1657.

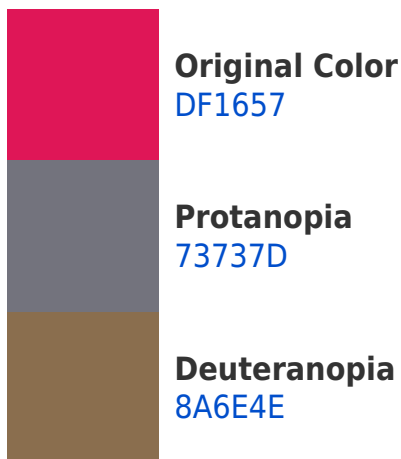


This preview shows how white text looks on a background with the Hex color DF1657.

# Color Blindness Simulation

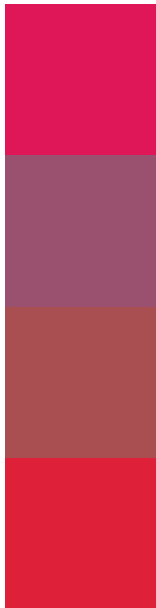
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
DF1657

**Protanomaly**  
9A516F

**Deuteranomaly**  
A94E51

**Tritanomaly**  
DE2138

# Monochromacy



**Original Color**  
DF1657

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
8A4159

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF1657 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 #DF1657 looks like.

```
.text, #text, p{  
    color:#DF1657  
}
```

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 #DF1657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF1657
}
```

## Border

The CSS property to change the border of an element to Hex DF1657 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".

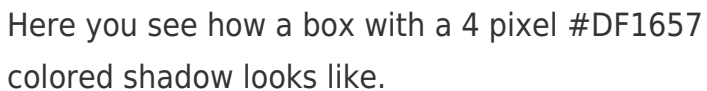
```
.border, #border, table{ border:4px solid
#DF1657 }
```

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

```
.border{ border-color:#DF1657 }
```

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

Here you see how a box with a 4 pixel #DF1657 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #DF1657 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF1657; -webkit-box-shadow:4px 4px  
4px 4px #DF1657; box-shadow:4px 4px 4px  
4px #DF1657 }
```

# Background

The CSS property to change the background color of an element to Hex DF1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF1657 }
```

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

```
.background{ background-color:#DF1657 }
```

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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