

# Converting Colors

Hex(DF5454)

Have a look what the booklet for  
Hex(DF5454) contains.

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# Color

**Hex(DF5454)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF5454
RGB	223, 84, 84
RGB Percent	87%, 33%, 33%
CMY	0.1255, 0.6706, 0.6706
CMYK	0.00, 0.62, 0.62, 0.13
HSL	0°, 68%, 60%
HSV	0°, 62%, 87%
XYZ	35.2020, 22.6687, 10.9077
YIQ	125.5610, 82.8440, 29.4680

# Conversions

## Conversions Part 2

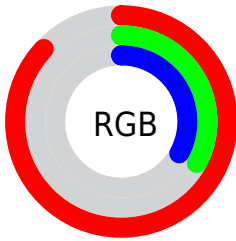
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">223, 84, 84</a>
Decimal	<a href="#">14636116</a>
CIELab	<a href="#">54.73, 54.20, 29.06</a>
CIELCh	<a href="#">55, 61.501, 28.198</a>
Yxy	<a href="#">22.6687, 0.5118, 0.3296</a>
Android (android.graphics.Color)	<a href="#">4292826196</a> ( <a href="#">0xFFDF5454</a> )
YUV	<a href="#">125.5610, -20.4896, 85.4540</a>
Hunter-Lab	<a href="#">47.6117, 48.6546, 19.7451</a>

# Details

The Hex color **DF5454** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **54DFDF**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8B86**, and **A11727** is the 20% darker color. If you saturate the color by 10%, you get **DF3E3E**, and if you desaturate by 10%, it is **DF6A6A**.

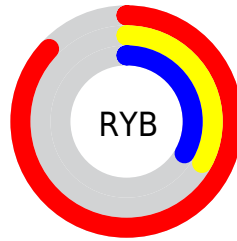
# Distribution



Red (87%)

Green (33%)

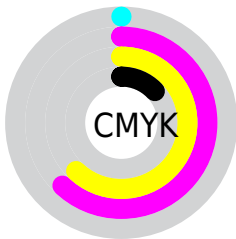
Blue (33%)



Red (87%)

Yellow (33%)

Blue (33%)

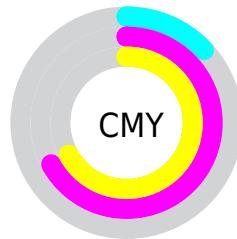


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (13%)



Cyan (13%)

Magenta (67%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF5454 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 DF5454 by changing the saturation by 10% instead.



 DF5454

 DF5454

FFFFFF

 C0383D

 FF8B86

 A11727

 FFA7A0

 830013

 FFC4BB

 660000

 FFE1D7

 480001

 FFFEF3

 2C0001

 000000

 DF5454

 DF5454

 DF3E3E

 DF6A6A

 DF2727

 DF8181

 DF1111

 DF9797

 DF0000

 DFADAD

 DFC3C3

 DFDADA

 DFF0F0

 DFFFFFF

# Harmonies

## Analogous

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



DE4D88



DF5454



C76A25

# Triad

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



DF5454



009747



008AEE

# Complementary

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



DF5454



54DFDF

# 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.



0096DD



DF5454



009B7E

# Square

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



DF5454



6B8E15



009BB4



7B76E1

# Rectangle

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



DF5454



AE7904



009BB4



008FEB



# Sweetspot

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



DF5454



FFCFCF



DF54DF



806262



000000



808080



# Same Dimension

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



DF5454



FF4040



DF9A54



706565



B00000



300000



# Inverse Universe

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



54DFDF



40FFFF



549ADF



657070



00B0B0



003030



# Previews

## White Background



This preview shows how the Hex color DF5454 looks on a white background.

## Color Contrast Check

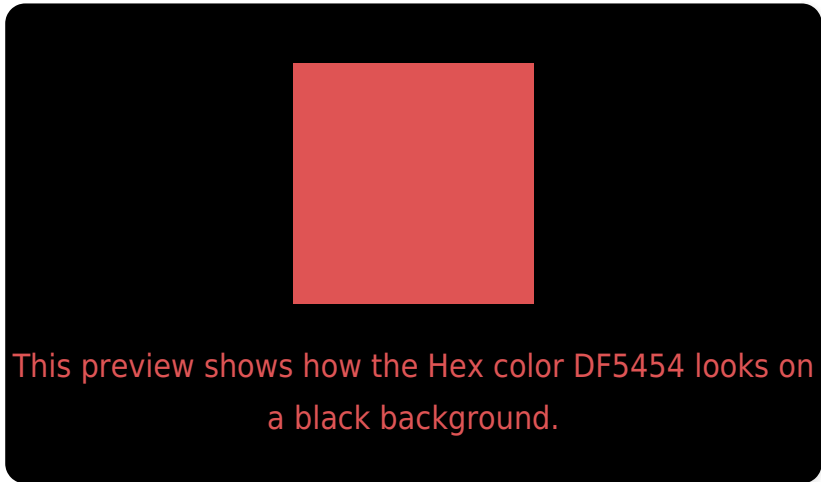
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF5454 Background



This preview shows how black text looks on a background with the Hex color DF5454.



This preview shows how white text looks on a background with the Hex color DF5454.

# 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



**Original Color**  
DF5454

**Protanopia**  
8C8367

**Deuteranopia**  
A07D4D



# Trichromacy



**Original Color**  
DF5454

**Protanomaly**  
AA7260

**Deuteranomaly**  
B76E50

**Tritanomaly**  
DF5357

# Monochromacy



**Original Color**  
DF5454

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
A16F6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF5454 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 #DF5454 looks like.

```
.text, #text, p{  
    color:#DF5454  
}
```

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 #DF5454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF5454
}
```

## Border

The CSS property to change the border of an element to Hex DF5454 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
#DF5454 }
```

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

```
.border{ border-color:#DF5454 }
```

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

Here you see how a box with a 4 pixel #DF5454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF5454; -webkit-box-shadow:4px 4px  
4px 4px #DF5454; box-shadow:4px 4px 4px  
4px #DF5454 }
```

# Background

The CSS property to change the background color of an element to Hex DF5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF5454 }
```

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

```
.background{ background-color:#DF5454 }
```

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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