

# Converting Colors

Hex(DD5952)

Have a look what the booklet for  
Hex(DD5952) contains.

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# Color

**Hex(DD5952)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD5952
RGB	221, 89, 82
RGB Percent	87%, 35%, 32%
CMY	0.1333, 0.6510, 0.6784
CMYK	0.00, 0.60, 0.63, 0.13
HSL	3°, 67%, 59%
HSV	3°, 63%, 87%
XYZ	34.9142, 23.1261, 10.6062
YIQ	127.6700, 80.9190, 25.8070

# Conversions

## Conversions Part 2

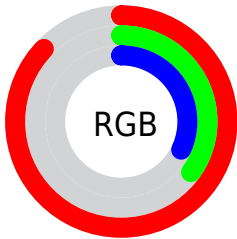
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 89, 82
Decimal	14506322
CIE <sub>Lab</sub>	55.20, 51.18, 30.74
CIE <sub>LCh</sub>	55, 59.705, 30.987
Yxy	23.1261, 0.5086, 0.3369
Android (android.graphics.Color)	4292696402 (0xFFDD5952)
YUV	127.6700, -22.5153, 81.8504
Hunter-Lab	48.0896, 45.4383, 20.5862

# Details

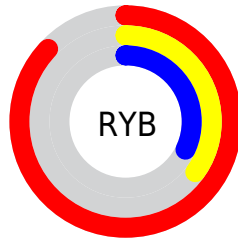
The Hex color **DD5952** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **52D6DD**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9084**, and **A02025** is the 20% darker color. If you saturate the color by 10%, you get **DD443C**, and if you desaturate by 10%, it is **DD6E68**.

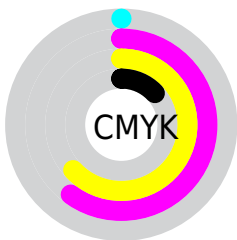
# Distribution



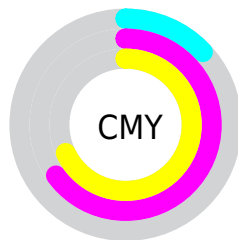
- Red (87%)
- Green (35%)
- Blue (32%)



- Red (87%)
- Yellow (35%)
- Blue (32%)



- Cyan (0%)
- Magenta (60%)
- Yellow (63%)
- Black (13%)



- Cyan (13%)
- Magenta (65%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD5952 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 DD5952 by changing the saturation by 10% instead.



 DD5952

 DD5952

FFFFFF

 BE3E3B

 FF9084

 A02025

 FFAB9E

 820010

 FFC8B9

 640000

 FFE5D4

 470000

 FFFFF1

 2B0001

 000000

 DD5952

 DD5952

 DD443C

 DD6E68

 DD2F26

 DD837E

 DD1A10

 DD9894

 DD0B00

 DDADAA

 DDC2C1

 DDD7D7

 DDECED

 DDFFFF

# Harmonies

## Analogous

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



DF5085



DD5952



C46E26

# Triad

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



DD5952



00994F



008AEC

# Complementary

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



DD5952



52D6DD

# 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.



0096DE



DD5952



009C84

# Square

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



DD5952



689020



009CB8



8576DD

# Rectangle

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



DD5952



AB7C0C



009CB8



008FEB



# Sweetspot

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



DD5952



FFD1CF



DD52D6



806462



000000



808080



# Same Dimension

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



DD5952



FF4940



DD9E52



6E6363



AD0900



2E0200



# Inverse Universe

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



52D6DD



40F5FF



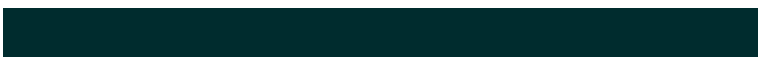
5291DD



636D6E



00A5AD



002C2E



# Previews

## White Background



This preview shows how the Hex color DD5952 looks on a white background.

## Color Contrast Check

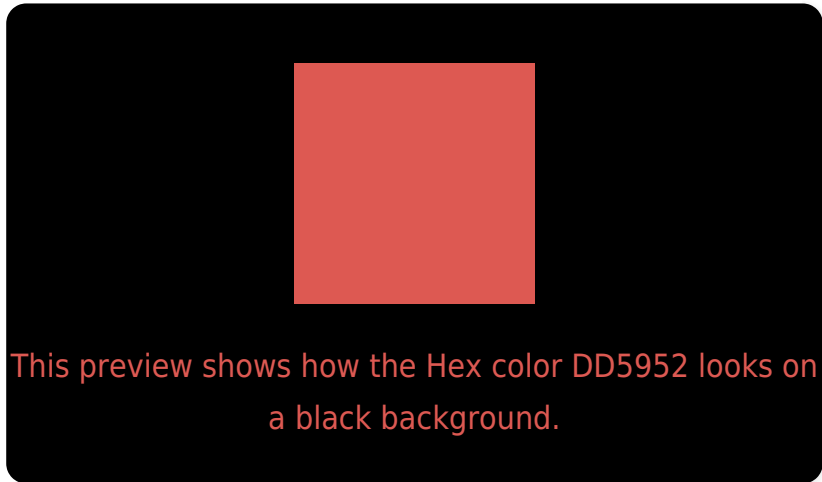
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD5952 Background



This preview shows how black text looks on a background with the Hex color DD5952.



This preview shows how white text looks on a background with the Hex color DD5952.

# 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**  
DD5952

**Protanopia**  
8E8463

**Deuteranopia**  
A27F4B



# Trichromacy



**Original Color**  
DD5952

**Protanomaly**  
AB745D

**Deuteranomaly**  
B7714E

**Tritanomaly**  
DE5859

# Monochromacy



**Original Color**  
DD5952

**Achromatopsia**  
808080

**Achromatomaly**  
A2726F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD5952 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 #DD5952 looks like.

```
.text, #text, p{  
  color:#DD5952  
}
```

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 #DD5952 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD5952
}
```

## Border

The CSS property to change the border of an element to Hex DD5952 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
#DD5952 }
```

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

```
.border{ border-color:#DD5952 }
```

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

Here you see how a box with a 4 pixel #DD5952 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD5952; -webkit-box-shadow:4px 4px  
4px 4px #DD5952; box-shadow:4px 4px 4px  
4px #DD5952 }
```

# Background

The CSS property to change the background color of an element to Hex DD5952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD5952 }
```

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

```
.background{ background-color:#DD5952 }
```

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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