

# Converting Colors

Hex(DD5041)

Have a look what the booklet for  
Hex(DD5041) contains.

<b>Hex(DD5041)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(DD5041)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD5041
RGB	221, 80, 65
RGB Percent	87%, 31%, 25%
CMY	0.1333, 0.6863, 0.7451
CMYK	0.00, 0.64, 0.71, 0.13
HSL	6°, 70%, 56%
HSV	6°, 71%, 87%
XYZ	33.6416, 21.4911, 7.3761
YIQ	120.4490, 88.8510, 25.2270

# Conversions

## Conversions Part 2

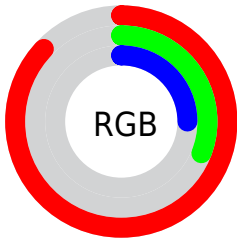
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 82, 65
Decimal	14504001
CIE Lab	53.48, 54.19, 38.27
CIE LCh	53, 66.339, 35.229
Yxy	21.4911, 0.5382, 0.3438
Android (android.graphics.Color)	4292694081 (0xFFDD5041)
YUV	120.4490, -27.3364, 88.1832
Hunter-Lab	46.3585, 48.4070, 23.0173

# Details

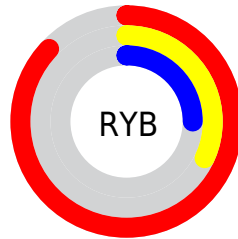
The Hex color **DD5041** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **41CEDD**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8772**, and **9F1015** is the 20% darker color. If you saturate the color by 10%, you get **DD3C2B**, and if you desaturate by 10%, it is **DD6457**.

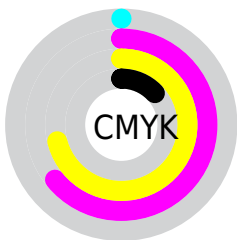
# Distribution



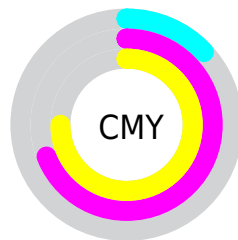
- Red (87%)
- Green (31%)
- Blue (25%)



- Red (87%)
- Yellow (32%)
- Blue (25%)



- Cyan (0%)
- Magenta (64%)
- Yellow (71%)
- Black (13%)



- Cyan (13%)
- Magenta (69%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD5041 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 DD5041 by changing the saturation by 10% instead.



 DD5041

 DD5041

FFFFFF

 BE332A

 FF8772

 9F1015

 FFA38B

 800000

 FFBFA6

 620000

 FFDCC1

 450001

 FFFADD

 270001

 FFFFFA

 000000

 DD5041

 DD5041

 DD3C2B

 DD6457

 DD2815

 DD786D

 DD1500

 DD8C83

 DDA099

 DDB4B0

 DDC8C6

 DDDCDC

 DDF0F2

 DDFFFF

# Harmonies

## Analogous

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



E44078



DD5041



BF6B05

# Triad

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



DD5041



00964D



0084F2

# Complementary

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



DD5041



41CEDD

# 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.



0092E8



DD5041



009989

# Square

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



DD5041



548F0E



0099C1



8C6CDE

# Rectangle

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



DD5041



A17A00



0099C1



008AF2



# Sweetspot

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



DD5041



FFCFC9



DD41D0



806360



000000



808080



# Same Dimension

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



DD5041



FF3B26



DD9C41



6E6463



AD1100



2E0400

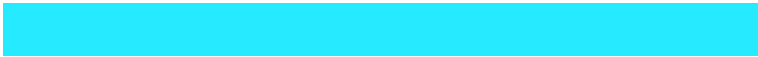


# Inverse Universe

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



41CEDD



26EAFF



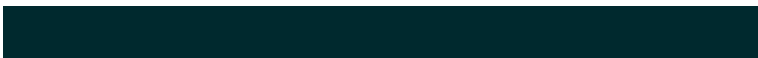
4182DD



636D6E



009DAD

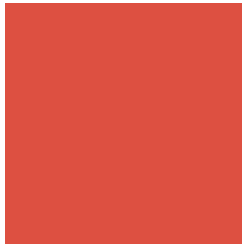


00292E



# Previews

## White Background



This preview shows how the Hex color DD5041 looks on a white background.

## Color Contrast Check

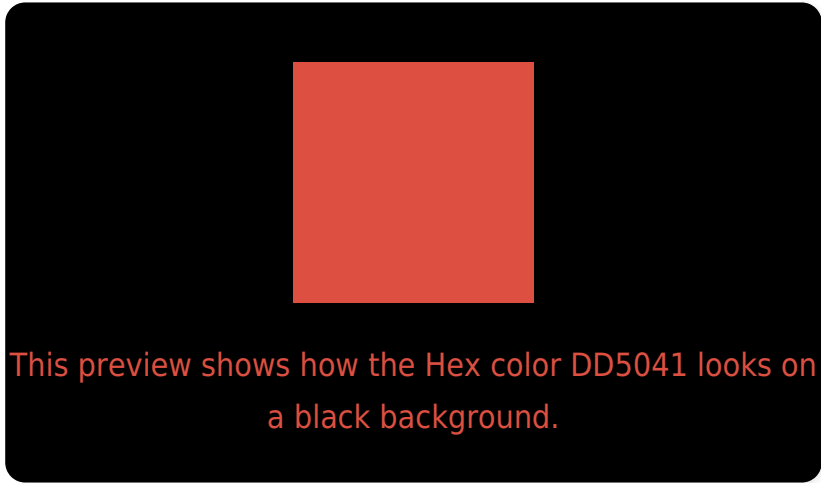
Large Text (above 18pt) WCAG AA ✓ Pass

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

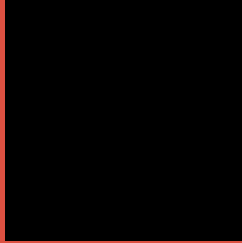
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DD5041 Background



This preview shows how black text looks on a background with the Hex color DD5041.

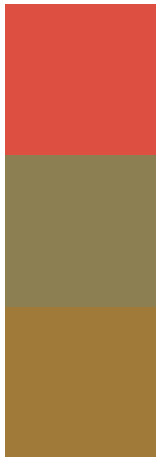


This preview shows how white text looks on a background with the Hex color DD5041.

# 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



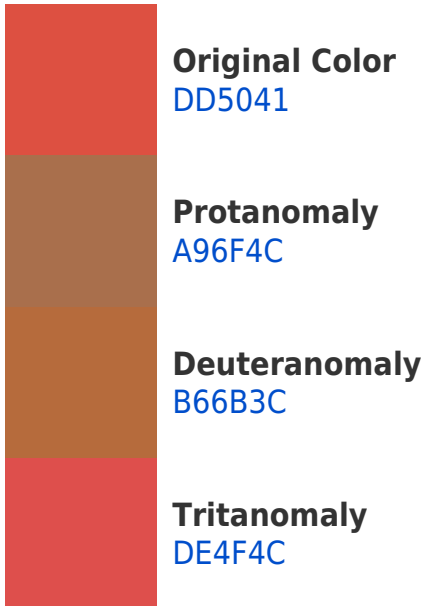
**Original Color**  
DD5041

**Protanopia**  
8C8052

**Deuteranopia**  
9F7A39



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD5041 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 #DD5041 looks like.

```
.text, #text, p{  
    color:#DD5041  
}
```

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 #DD5041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD5041
}
```

## Border

The CSS property to change the border of an element to Hex DD5041 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
#DD5041 }
```

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

```
.border{ border-color:#DD5041 }
```

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

Here you see how a box with a 4 pixel #DD5041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD5041; -webkit-box-shadow:4px 4px  
4px 4px #DD5041; box-shadow:4px 4px 4px  
4px #DD5041 }
```

# Background

The CSS property to change the background color of an element to Hex DD5041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD5041 }
```

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

```
.background{ background-color:#DD5041 }
```

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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