

Converting Colors

Hex(DD3535)

Have a look what the booklet for
Hex(DD3535) contains.

Hex(DD3535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DD3535)

Conversions

Conversions Part 1

Format	Color
Hex	DD3535
RGB	221, 53, 53
RGB Percent	87%, 21%, 21%
CMY	0.1333, 0.7922, 0.7922
CMYK	0.00, 0.76, 0.76, 0.13
HSL	0°, 71%, 54%
HSV	0°, 76%, 87%
XYZ	31.7345, 18.1754, 5.2038
YIQ	103.2320, 100.1280, 35.6160

Conversions

Conversions Part 2

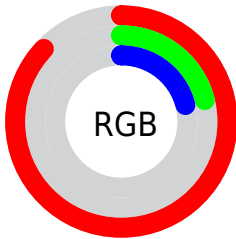
Format	Color
RYB	221, 53, 53
Decimal	14497077
CIELab	49.71, 63.65, 40.71
CIElCh	50, 75.552, 32.604
Yxy	18.1754, 0.5758, 0.3298
Android (android.graphics.Color)	4292687157 (0xFFDD3535)
YUV	103.2320, -24.7644, 103.2825
Hunter-Lab	42.6326, 58.2632, 22.6058

Details

The Hex color **DD3535** 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 **35DDDD**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7164**, and **9D0009** is the 20% darker color. If you saturate the color by 10%, you get **DD1F1F**, and if you desaturate by 10%, it is **DD4B4B**.

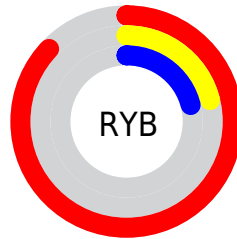
Distribution



Red (87%)

Green (21%)

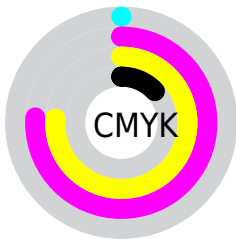
Blue (21%)



Red (87%)

Yellow (21%)

Blue (21%)

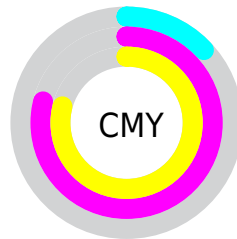


Cyan (0%)

Magenta (76%)

Yellow (76%)

Black (13%)



Cyan (13%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD3535 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 DD3535 by changing the saturation by 10% instead.

 DD3535

 DD3535

FFFFFF

 BD071F

 FF7164

 9D0009

 FF8E7E

 7E0000

 FFAA98

 5F0000

 FFC7B3

 430003

 FFE5CE

 210001

 FFFFEB

 000000

 DD3535

 DD3535

 DD1F1F

 DD4B4B

 DD0909

 DD6161

 DD0000

 DD7777

 DD8D8D

 DDA4A4

 DDBABA

 DDD0D0

 DDE6E6

 DDFCFC

Harmonies

Analogous

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



E31774



DD3535



BD5B00

Triad

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



DD3535



008E36



007DF8

Complementary

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



DD3535



35DDDD

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.



008CE9



DD3535



00917A

Square

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



DD3535



478600



0091BA



7662E4

Rectangle

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



DD3535



9D6E00



0091BA



0083F7

Sweetspot

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



DD3535



FFC4C4



DD35DD



805C5C



000000



808080

Same Dimension

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



DD3535



FF1717



DD8935



6E6363



AD0000



2E0000

Inverse Universe

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



35DDDD



17FFFF



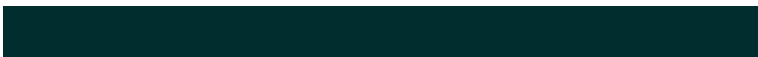
3589DD



636E6E



00ADAD



002E2E

Previews

White Background



This preview shows how the Hex color DD3535 looks on a white background.

Color Contrast Check

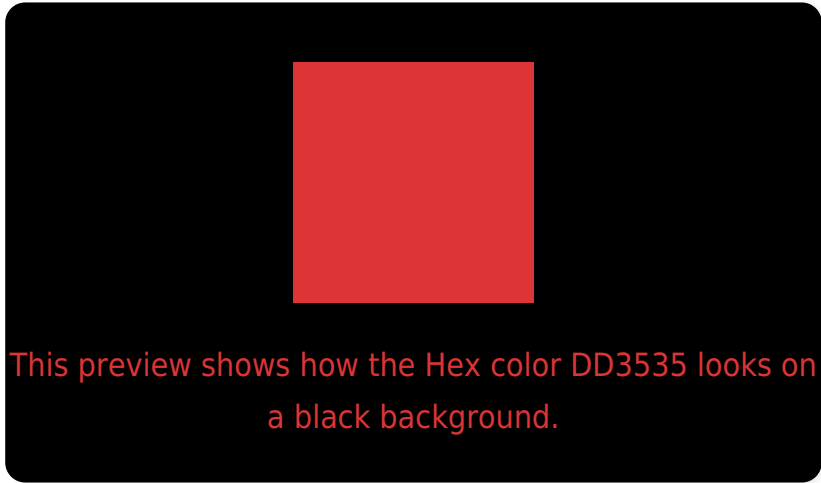
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 DD3535 Background



This preview shows how black text looks on a background with the Hex color DD3535.



This preview shows how white text looks on a background with the Hex color DD3535.

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
DD3535

Protanomaly
A35F42

Deuteranomaly
AF5B2D

Tritanomaly
DD3536

Monochromacy



Original Color
DD3535

Achromatopsia
676767

Achromatomaly
925555

CSS Examples

Text

The CSS property to change the color of the text to Hex DD3535 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 #DD3535 looks like.

```
.text, #text, p{  
    color:#DD3535  
}
```

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 #DD3535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD3535
}
```

Border

The CSS property to change the border of an element to Hex DD3535 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
#DD3535 }
```

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

```
.border{ border-color:#DD3535 }
```

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

Here you see how a box with a 4 pixel #DD3535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD3535; -webkit-box-shadow:4px 4px  
4px 4px #DD3535; box-shadow:4px 4px 4px  
4px #DD3535 }
```

Background

The CSS property to change the background color of an element to Hex DD3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD3535 }
```

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

```
.background{ background-color:#DD3535 }
```

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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