

# Converting Colors

Hex(D13535)

Have a look what the booklet for  
Hex(D13535) contains.

<b>Hex(D13535)</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(D13535)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D13535
RGB	209, 53, 53
RGB Percent	82%, 21%, 21%
CMY	0.1804, 0.7922, 0.7922
CMYK	0.00, 0.75, 0.75, 0.18
HSL	0°, 63%, 51%
HSV	0°, 75%, 82%
XYZ	28.2102, 16.3586, 5.0388
YIQ	99.6440, 92.9760, 33.0720

# Conversions

## Conversions Part 2

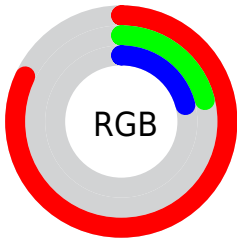
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 53, 53
Decimal	13710645
CIE Lab	47.44, 60.07, 37.58
CIE LCh	47, 70.854, 32.029
Yxy	16.3586, 0.5687, 0.3298
Android (android.graphics.Color)	4291900725 (0xFFD13535)
YUV	99.6440, -22.9955, 95.9052
Hunter-Lab	40.4457, 53.7207, 20.9255

# Details

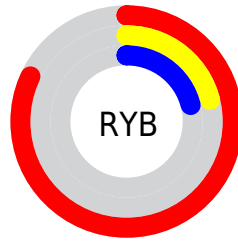
The Hex color **D13535** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **35D1D1**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6F64**, and **92000A** is the 20% darker color. If you saturate the color by 10%, you get **D12020**, and if you desaturate by 10%, it is **D14A4A**.

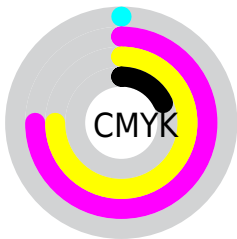
# Distribution



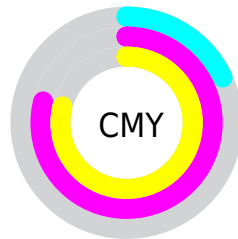
- Red (82%)
- Green (21%)
- Blue (21%)



- Red (82%)
- Yellow (21%)
- Blue (21%)



- Cyan (0%)
- Magenta (75%)
- Yellow (75%)
- Black (18%)



- Cyan (18%)
- Magenta (79%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D13535 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 D13535 by changing the saturation by 10% instead.



 D13535

 D13535

FFFFFF

 B10D1F

 FF6F64

 92000A

 FF8C7D

 730000

 FFA897

 550000

 FFC5B2

 390002

 FFE2CE

 0F0000

 FFFFEA

 000000

 D13535

 D13535

 D12020

 D14A4A

 D10B0B

 D15F5F

 D10000

 D17474

 D18989

 D19E9E

 D1B2B2

 D1C7C7

 D1DCDC

 D1F1F1

# Harmonies

## Analogous

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



D61E6F



D13535



B35700

# Triad

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



D13535



008634



0077E9

# Complementary

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



D13535



35D1D1

# 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.



0085DA



D13535



008A73

# Square

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



D13535



477F00



008AAF



6F5ED7

# Rectangle

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



D13535



966800



008AAF



007DE8



# Sweetspot

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



D13535



FFC7C7



D135D1



805E5E



000000



808080



# Same Dimension

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



D13535



FF1919



D18335



695E5E



A80000



290000



# Inverse Universe

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



35D1D1



19FFFF



3583D1



5E6969



00A8A8



002929



# Previews

## White Background



This preview shows how the Hex color D13535 looks on a white background.

## Color Contrast Check

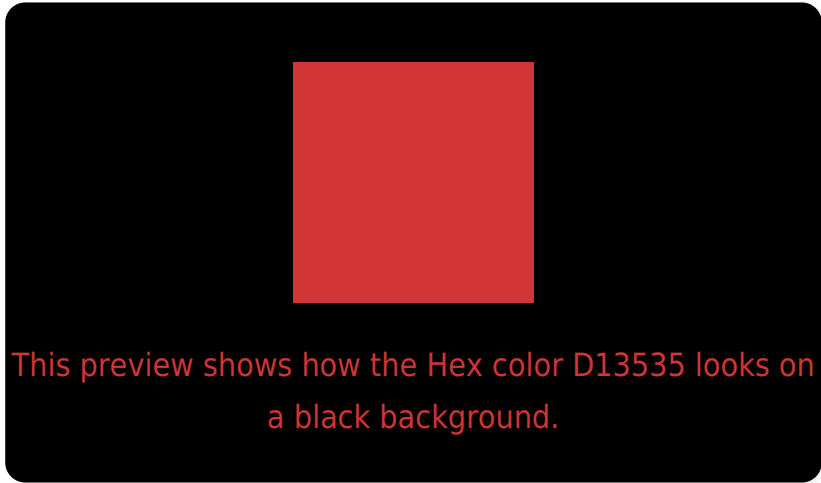
Large Text (above 18pt) WCAG AA ✓ Pass

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 D13535 Background



This preview shows how black text looks on a background with the Hex color D13535.



This preview shows how white text looks on a background with the Hex color D13535.

# 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**  
D13535

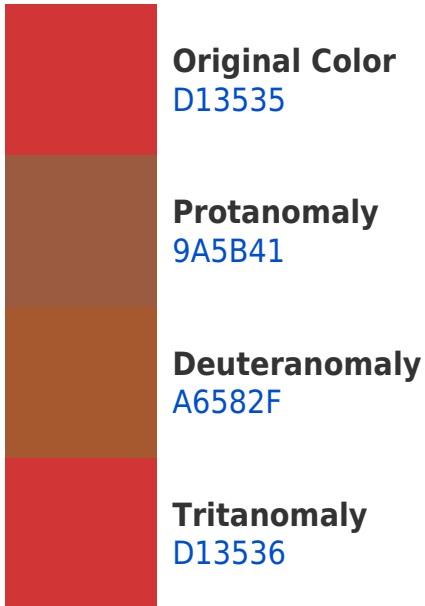
**Protanopia**  
7B7148

**Deuteranopia**  
8D6C2B



**Tritanopia**  
D13536

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D13535 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 #D13535 looks like.

```
.text, #text, p{  
  color:#D13535  
}
```

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 #D13535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13535
}
```

## Border

The CSS property to change the border of an element to Hex D13535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

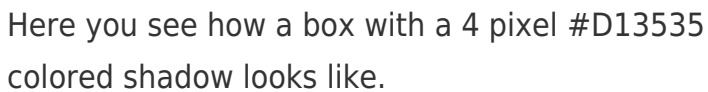
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D13535 }
```

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

```
.border{ border-color:#D13535 }
```

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



Here you see how a box with a 4 pixel #D13535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13535; -webkit-box-shadow:4px 4px  
4px 4px #D13535; box-shadow:4px 4px 4px  
4px #D13535 }
```

# Background

The CSS property to change the background color of an element to Hex D13535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13535 }
```

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

```
.background{ background-color:#D13535 }
```

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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