

Converting Colors

Hex(D33555)

Have a look what the booklet for
Hex(D33555) contains.

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Color

Hex(D33555)

Conversions

Conversions Part 1

Format	Color
Hex	D33555
RGB	211, 53, 85
RGB Percent	83%, 21%, 33%
CMY	0.1725, 0.7922, 0.6667
CMYK	0.00, 0.75, 0.60, 0.17
HSL	348°, 64%, 52%
HSV	348°, 75%, 83%
XYZ	29.7768, 17.0510, 10.3161
YIQ	103.8900, 83.8960, 43.4480

Conversions

Conversions Part 2

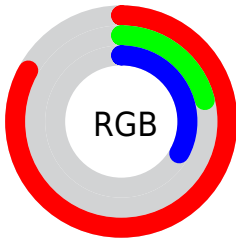
Format	Color
R_{YB}	211, 53, 85
Decimal	13841749
CIE Lab	48.32, 62.33, 19.73
CIE LCh	48, 65.374, 17.564
Yxy	17.0510, 0.5211, 0.2984
Android (android.graphics.Color)	4292031829 (0xFFD33555)
YUV	103.8900, -9.3128, 93.9355
Hunter-Lab	41.2928, 56.4561, 14.0927

Details

The Hex color **D33555** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **35D3B3**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF7086**, and **950029** is the 20% darker color. If you saturate the color by 10%, you get **D32044**, and if you desaturate by 10%, it is **D34A66**.

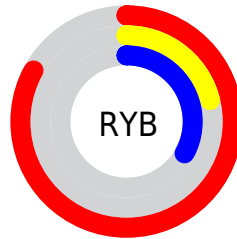
Distribution



Red (83%)

Green (21%)

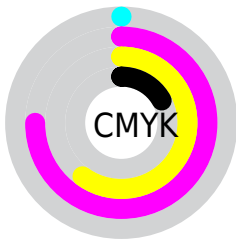
Blue (33%)



Red (83%)

Yellow (21%)

Blue (33%)

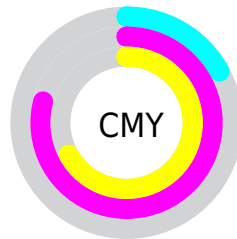


Cyan (0%)

Magenta (75%)

Yellow (60%)

Black (17%)



Cyan (17%)

Magenta (79%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33555 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 D33555 by changing the saturation by 10% instead.

 D33555

 D33555

FFFFFF

 B40A3E

 FF7086

 950029

 FF8DA0

 770015

 FFA9BB

 590000

 FFC6D7

 3D0003

 FFE4F3

 190001

 000000

 D33555

 D33555

 D32044

 D34A66

 D30B33

 D35F77

 D3002B

 D37487

 D38998

 D39FA9

 D3B4BA

 D3C9CB

 D3DEDC

 D3F3EC

Harmonies

Analogous

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



C9378C



D33555



C24E20

Triad

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



D33555



1F851E



0080DF

Complementary

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



D33555



35D3B3

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.



0089C4



D33555



008A59

Square

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



D33555



6C7A00



008B93



316EDD

Rectangle

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



D33555



AB6000



008B93



0084D9

Sweetspot

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



D33555



FFC7D2



B135D3



805E65



000000



808080

Same Dimension

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



D33555



FF1948



D36235



695E60



A80022



290008

Inverse Universe

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



D33555



FF1948



35A6D3



695E60



A80022



290008

Previews

White Background



This preview shows how the Hex color D33555 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 D33555 Background



This preview shows how black text looks on a background with the Hex color D33555.

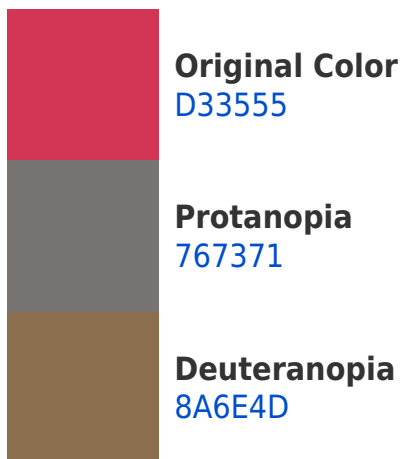


This preview shows how white text looks on a background with the Hex color D33555.

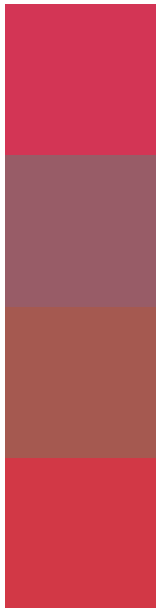
Color Blindness Simulation

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



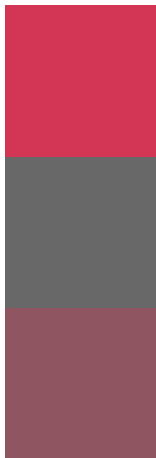
Original Color
D33555

Protanomaly
985C67

Deuteranomaly
A55950

Tritanomaly
D23846

Monochromacy



Original Color
D33555

Achromatopsia
686868

Achromatomaly
8F5561

CSS Examples

Text

The CSS property to change the color of the text to Hex D33555 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 #D33555 looks like.

```
.text, #text, p{  
    color:#D33555  
}
```

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 #D33555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33555
}
```

Border

The CSS property to change the border of an element to Hex D33555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

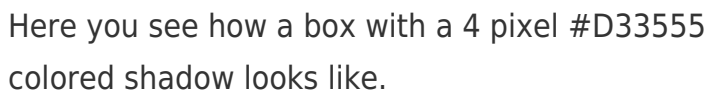
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D33555 }
```

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

```
.border{ border-color:#D33555 }
```

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



Here you see how a box with a 4 pixel #D33555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33555; -webkit-box-shadow:4px 4px  
4px 4px #D33555; box-shadow:4px 4px 4px  
4px #D33555 }
```

Background

The CSS property to change the background color of an element to Hex D33555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33555 }
```

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

```
.background{ background-color:#D33555 }
```

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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