

Converting Colors

Hex(D55136)

Have a look what the booklet for
Hex(D55136) contains.

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Color

Hex(D55136)

Conversions

Conversions Part 1

Format	Color
Hex	D55136
RGB	213, 81, 54
RGB Percent	84%, 32%, 21%
CMY	0.1647, 0.6824, 0.7882
CMYK	0.00, 0.62, 0.75, 0.16
HSL	10°, 65%, 52%
HSV	10°, 75%, 84%
XYZ	31.0489, 20.2973, 5.7713
YIQ	117.3900, 87.3390, 19.5870

Conversions

Conversions Part 2

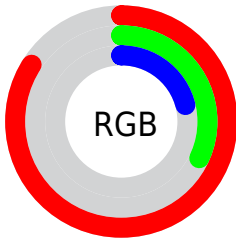
Format	Color
RYB	213, 87, 54
Decimal	13979958
CIELab	52.17, 50.51, 42.41
CIElCh	52, 65.954, 40.017
Yxy	20.2973, 0.5436, 0.3554
Android (android.graphics.Color)	4292170038 (0xFFD55136)
YUV	117.3900, -31.2513, 83.8500
Hunter-Lab	45.0526, 44.1748, 23.9416

Details

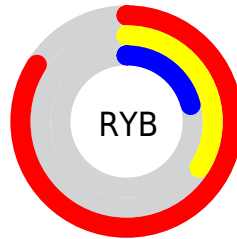
The Hex color **D55136** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **36BAD5**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8766**, and **971608** is the 20% darker color. If you saturate the color by 10%, you get **D53F21**, and if you desaturate by 10%, it is **D5634B**.

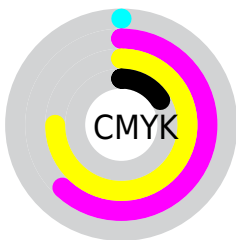
Distribution



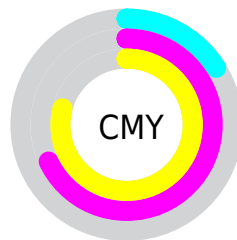
- Red (84%)
- Green (32%)
- Blue (21%)



- Red (84%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (62%)
- Yellow (75%)
- Black (16%)



- Cyan (16%)
- Magenta (68%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color D55136 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 D55136 by changing the saturation by 10% instead.

 D55136

 D55136

FFFFFF

 B6361F

 FF8766

 971608

 FFA380

 790000

 FFBF9A

 5A0000

 FFDCB5

 3F0001

 FFF9D1

 1E0001

 FFFFED

 000000

 D55136

 D55136

 D53F21

 D5634B

 D52E0B

 D57461

 D52400

 D58676

 D5988B

 D5A9A1

 D5BBB6

 D5CDCB

 D5DEE0

 D5F0F6

Harmonies

Analogous

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



E03D6C



D55136



B46B00

Triad

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



D55136



009353



007DED

Complementary

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



D55136



36BAD5

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.



008DE7



D55136



00968E

Square

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



D55136



458D17



0094C4



9564D4

Rectangle

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



D55136



967A00



0094C4



0083EE

Sweetspot

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



D55136



FFD0C7



D536BA



80645E



000000



808080

Same Dimension

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



D55136



FF4019



D5A036



6B6260



AB1D00



2B0700

Inverse Universe

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



36BAD5



19D8FF



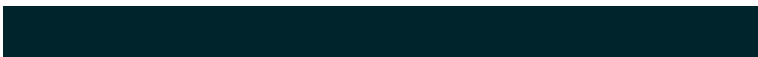
366BD5



60696B



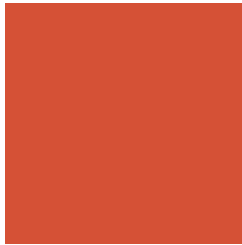
008EAB



00242B

Previews

White Background



This preview shows how the Hex color D55136 looks on a white background.

Color Contrast Check

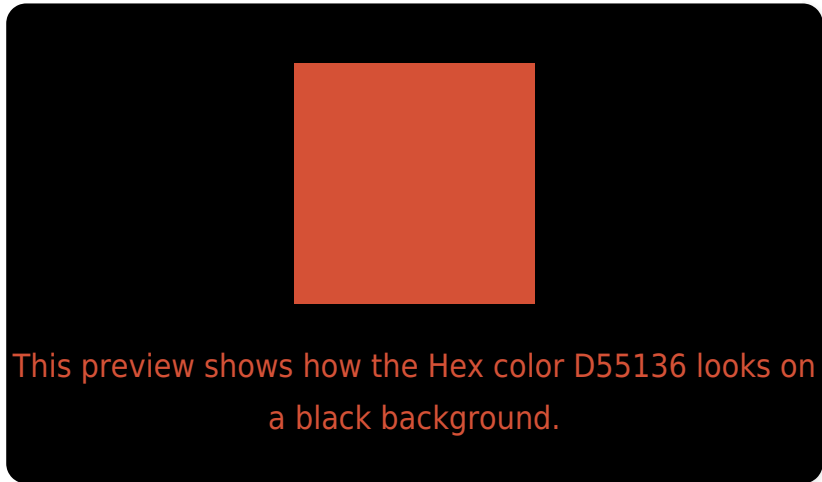
Large Text (above 18pt) WCAG AA ✓ Pass

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 D55136 Background



This preview shows how black text looks on a background with the Hex color D55136.



This preview shows how white text looks on a background with the Hex color D55136.

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
D55136

Protanopia
8A7D44

Deuteranopia
9C772D



Tritanopia
D64D52

Trichromacy



Original Color
D55136

Protanomaly
A56D3F

Deuteranomaly
B16930

Tritanomaly
D64E48

Monochromacy



Original Color
D55136

Achromatopsia
757575

Achromatomaly
98685E

CSS Examples

Text

The CSS property to change the color of the text to Hex D55136 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 #D55136 looks like.

```
.text, #text, p{  
    color:#D55136  
}
```

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 #D55136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D55136
}
```

Border

The CSS property to change the border of an element to Hex D55136 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".

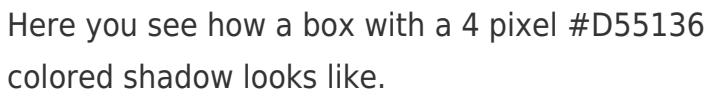
```
.border, #border, table{ border:4px solid
#D55136 }
```

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

```
.border{ border-color:#D55136 }
```

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

Here you see how a box with a 4 pixel #D55136 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D55136; -webkit-box-shadow:4px 4px  
4px 4px #D55136; box-shadow:4px 4px 4px  
4px #D55136 }
```

Background

The CSS property to change the background color of an element to Hex D55136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D55136 }
```

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

```
.background{ background-color:#D55136 }
```

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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