

Converting Colors

Hex(D05138)

Have a look what the booklet for
Hex(D05138) contains.

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Color

Hex(D05138)

Conversions

Conversions Part 1

Format	Color
Hex	D05138
RGB	208, 81, 56
RGB Percent	82%, 32%, 22%
CMY	0.1843, 0.6824, 0.7804
CMYK	0.00, 0.61, 0.73, 0.18
HSL	10°, 62%, 52%
HSV	10°, 73%, 82%
XYZ	29.6687, 19.5803, 5.9570
YIQ	116.1230, 83.7170, 19.1490

Conversions

Conversions Part 2

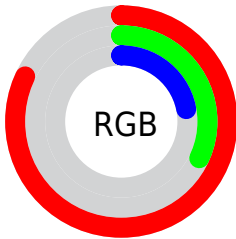
Format	Color
R_{YB}	208, 86, 56
Decimal	13652280
CIE _{Lab}	51.36, 48.83, 40.21
CIE _{LCh}	51, 63.258, 39.470
Yxy	19.5803, 0.5374, 0.3547
Android (android.graphics.Color)	4291842360 (0xFFD05138)
YUV	116.1230, -29.6406, 80.5761
Hunter-Lab	44.2496, 42.2446, 22.9929

Details

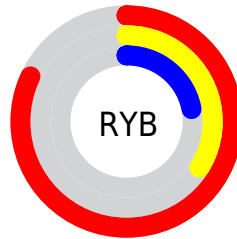
The Hex color **D05138** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **38B7D0**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8768**, and **92170B** is the 20% darker color. If you saturate the color by 10%, you get **D04023**, and if you desaturate by 10%, it is **D0624D**.

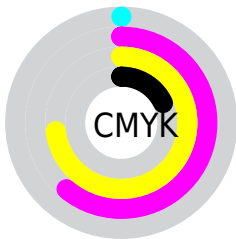
Distribution



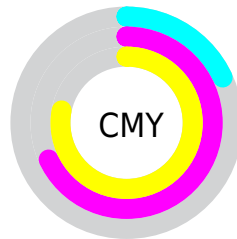
- Red (82%)
- Green (32%)
- Blue (22%)



- Red (82%)
- Yellow (34%)
- Blue (22%)



- Cyan (0%)
- Magenta (61%)
- Yellow (73%)
- Black (18%)



- Cyan (18%)
- Magenta (68%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D05138 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 D05138 by changing the saturation by 10% instead.

 D05138

 D05138

FFFFFF

 B13621

 FF8768

 92170B

 FFA282

 750000

 FFBE9C

 560000

 FFDBB7

 3B0002

 FFF8D3

 180001

 FFFFEE

 000000

 D05138

 D05138

 D04023

 D0624D

 D02E0E

 D07462

 D02200

 D08576

 D0978B

 D0A8A0

 D0B9B5

 D0CBCA

 D0DCDE

 D0EDF3

Harmonies

Analogous

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



DA406C



D05138



B16A00

Triad

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



D05138



009152



007BE6

Complementary

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



D05138



38B7D0

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.



008AE0



D05138



00938B

Square

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



D05138



488A1A



0091BE



9164CF

Rectangle

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



D05138



947800



0091BE



0081E7

Sweetspot

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



D05138



FFD0C7



D038B9



80645E



000000



808080

Same Dimension

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



D05138



FF441F



D09B38



69605E



A81C00



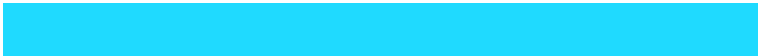
290700

Inverse Universe

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



38B7D0



1FDAFF



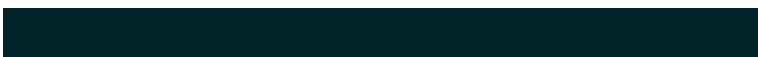
386DD0



5E6769



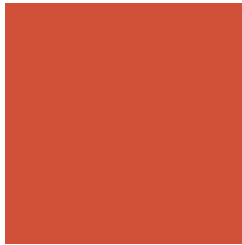
008DA8



002229

Previews

White Background



This preview shows how the Hex color D05138 looks on a white background.

Color Contrast Check

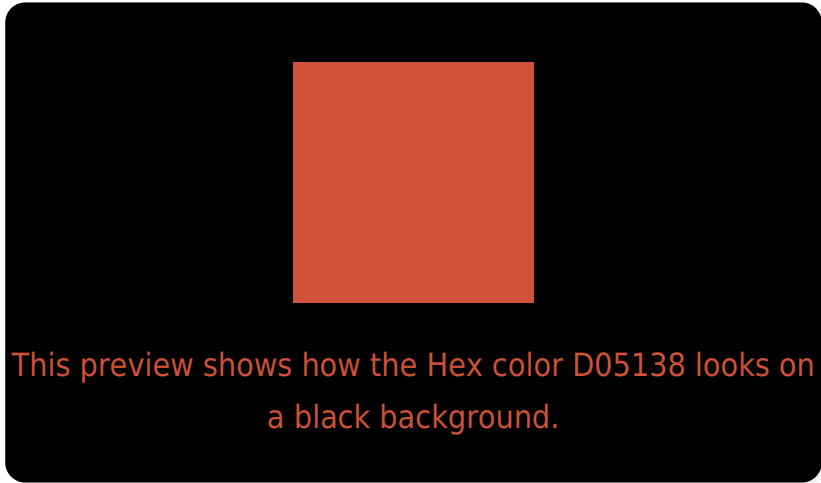
Large Text (above 18pt) WCAG AA ✓ Pass

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 D05138 Background



This preview shows how black text looks on a background with the Hex color D05138.



This preview shows how white text looks on a background with the Hex color D05138.

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
D05138

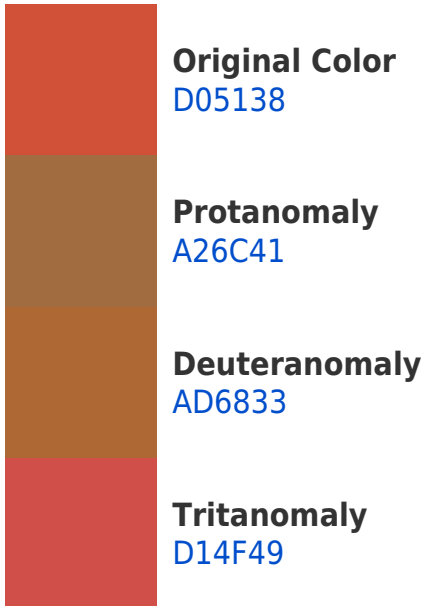
Protanopia
877B46

Deuteranopia
997530



Tritanopia
D14E52

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D05138 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 #D05138 looks like.

```
.text, #text, p{  
    color:#D05138  
}
```

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 #D05138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D05138
}
```

Border

The CSS property to change the border of an element to Hex D05138 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
#D05138 }
```

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

```
.border{ border-color:#D05138 }
```

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

Here you see how a box with a 4 pixel #D05138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D05138; -webkit-box-shadow:4px 4px  
4px 4px #D05138; box-shadow:4px 4px 4px  
4px #D05138 }
```

Background

The CSS property to change the background color of an element to Hex D05138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D05138 }
```

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

```
.background{ background-color:#D05138 }
```

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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