

Converting Colors

Hex(DD5031)

Have a look what the booklet for
Hex(DD5031) contains.

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Color

Hex(DD5031)

Conversions

Conversions Part 1

Format	Color
Hex	DD5031
RGB	221, 80, 49
RGB Percent	87%, 31%, 19%
CMY	0.1333, 0.6863, 0.8078
CMYK	0.00, 0.64, 0.78, 0.13
HSL	11°, 72%, 53%
HSV	11°, 78%, 87%
XYZ	33.2418, 21.3312, 5.2710
YIQ	118.6250, 93.9870, 20.2510

Conversions

Conversions Part 2

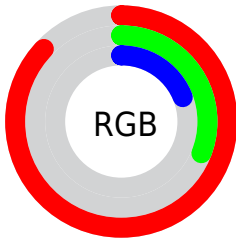
Format	Color
RYB	221, 87, 49
Decimal	14503985
CIELab	53.31, 53.53, 46.61
CIELCh	53, 70.976, 41.048
Yxy	21.3312, 0.5555, 0.3564
Android (android.graphics.Color)	4292694065 (0xFFDD5031)
YUV	118.6250, -34.3251, 89.7829
Hunter-Lab	46.1857, 47.6490, 25.5634

Details

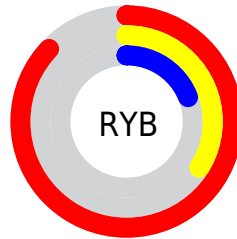
The Hex color **DD5031** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31BEDD**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8761**, and **9E1101** is the 20% darker color. If you saturate the color by 10%, you get **DD3E1B**, and if you desaturate by 10%, it is **DD6247**.

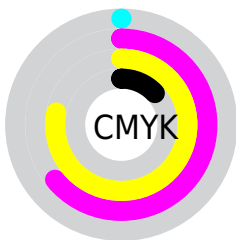
Distribution



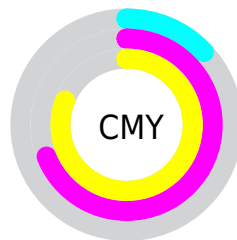
- Red (87%)
- Green (31%)
- Blue (19%)



- Red (87%)
- Yellow (34%)
- Blue (19%)



- Cyan (0%)
- Magenta (64%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD5031 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 DD5031 by changing the saturation by 10% instead.

 DD5031

 DD5031

FFFFFF

 BD341A

 FF8761

 9E1101

 FFA37B

 7F0000

 FFBF95

 610000

 FFDCB0

 440001

 FFF9CC

 260001

 FFFFEE

 000000

 DD5031

 DD5031

 DD3E1B

 DD6247

 DD2C05

 DD745D

 DD2800

 DD8673

 DD9889

 DDAB9F

 DDBDB6

 DDCFCC

 DDE1E2

 DDF3F8

Harmonies

Analogous

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



EA376C



DD5031



B96E00

Triad

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



DD5031



009855



007FF9

Complementary

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



DD5031



31BEDD

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.



0091F4



DD5031



009A95

Square

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



DD5031



3E910E



0099CF



9D63DC

Rectangle

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



DD5031



987E00



0099CF



0086FB

Sweetspot

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



DD5031



FFCFC4



DD31C0



80625C



000000



808080

Same Dimension

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



DD5031



FF3D12



DDA431



6E6563



AD1F00



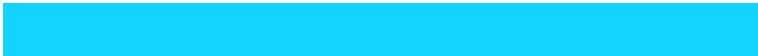
2E0800

Inverse Universe

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



31BEDD



12D4FF



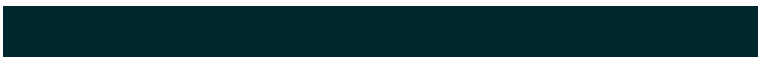
316ADD



636C6E



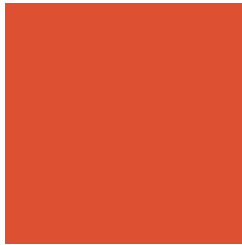
008EAD



00262E

Previews

White Background



This preview shows how the Hex color DD5031 looks on a white background.

Color Contrast Check

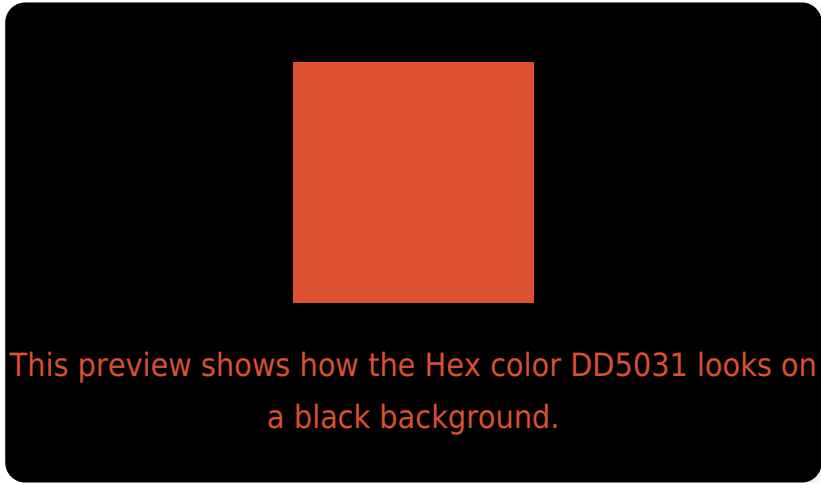
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD5031 Background



This preview shows how black text looks on a background with the Hex color DD5031.



This preview shows how white text looks on a background with the Hex color DD5031.

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
DD5031

Protanopia
8D803F

Deuteranopia
A07926



Tritanopia
DE4C51

Trichromacy



Original Color
DD5031

Protanomaly
AA6F3A

Deuteranomaly
B66A2A

Tritanomaly
DE4D45

Monochromacy



Original Color
DD5031

Achromatopsia
777777

Achromatomaly
9C695E

CSS Examples

Text

The CSS property to change the color of the text to Hex DD5031 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 #DD5031 looks like.

```
.text, #text, p{  
    color:#DD5031  
}
```

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 #DD5031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD5031
}
```

Border

The CSS property to change the border of an element to Hex DD5031 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
#DD5031 }
```

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

```
.border{ border-color:#DD5031 }
```

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

Here you see how a box with a 4 pixel #DD5031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD5031; -webkit-box-shadow:4px 4px  
4px 4px #DD5031; box-shadow:4px 4px 4px  
4px #DD5031 }
```

Background

The CSS property to change the background color of an element to Hex DD5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD5031 }
```

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

```
.background{ background-color:#DD5031 }
```

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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