

Converting Colors

Hex(DC5030)

Have a look what the booklet for
Hex(DC5030) contains.

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Color

Hex(DC5030)

Conversions

Conversions Part 1

Format	Color
Hex	DC5030
RGB	220, 80, 48
RGB Percent	86%, 31%, 19%
CMY	0.1373, 0.6863, 0.8118
CMYK	0.00, 0.64, 0.78, 0.14
HSL	11°, 71%, 53%
HSV	11°, 78%, 86%
XYZ	32.9174, 21.1664, 5.1469
YIQ	118.2120, 93.7120, 19.7280

Conversions

Conversions Part 2

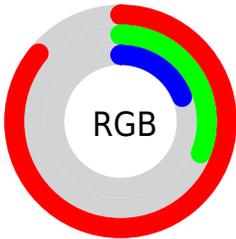
Format	Color
R_{YB}	220, 87, 48
Decimal	14438448
CIE Lab	53.13, 53.15, 46.88
CIE LCh	53, 70.868, 41.412
Yxy	21.1664, 0.5557, 0.3574
Android (android.graphics.Color)	4292628528 (0xFFDC5030)
YUV	118.2120, -34.6145, 89.2681
Hunter-Lab	46.0069, 47.2024, 25.5720

Details

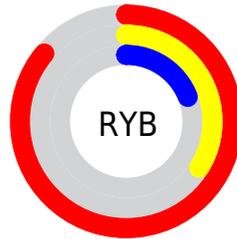
The Hex color **DC5030** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30BCDC**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8760**, and **9D1200** is the 20% darker color. If you saturate the color by 10%, you get **DC3E1A**, and if you desaturate by 10%, it is **DC6246**.

Distribution



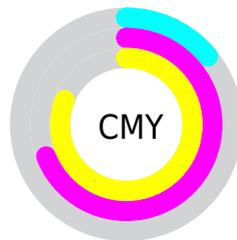
- Red (86%)
- Green (31%)
- Blue (19%)



- Red (86%)
- Yellow (34%)
- Blue (19%)



- Cyan (0%)
- Magenta (64%)
- Yellow (78%)
- Black (14%)



- Cyan (14%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC5030 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 DC5030 by changing the saturation by 10% instead.

 DC5030

 DC5030

FFFFFF

 BC3418

 FF8760

 9D1200

 FFA37A

 7E0000

 FFBF94

 600000

 FFDCAF

 430001

 FFF9CB

 250001

 FFFFE7

 000000

 DC5030

 DC5030

 DC3E1A

 DC6246

 DC2C04

 DC745C

 DC2900

 DC8672

 DC9888

 DCAA9E

 DCBBB4

 DCCDCA

 DCDFE0

 DCF1F6

Harmonies

Analogous

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



E9376A



DC5030



B86E00

Triad

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



DC5030



009755



007FF8

Complementary

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



DC5030



30BCDC

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.



0090F3



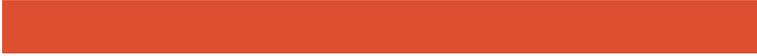
DC5030



009A95

Square

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



DC5030



3C910F



0098CF



9D63DB

Rectangle

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



DC5030



977D00



0098CF



0086FA

Sweetspot

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



DC5030



FFCFC4



DC30BC



80625C



000000



808080

Same Dimension

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



DC5030



FF3C0F



DCA630



6E6563



AD2000



2E0900

Inverse Universe

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



30BCDC



0FD2FF



3066DC



636C6E



008DAD



00252E

Previews

White Background



This preview shows how the Hex color DC5030 looks on a white background.

Color Contrast Check

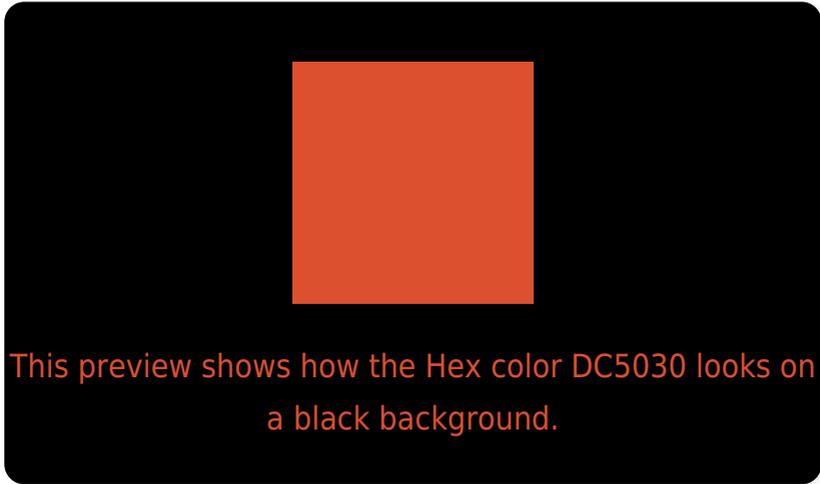
Large Text (above 18pt) WCAG AA ✓ Pass

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

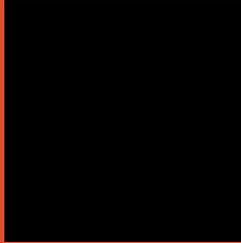
Any Text WCAG AA ✓ Pass

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 DC5030 Background



This preview shows how black text looks on a background with the Hex color DC5030.



This preview shows how white text looks on a background with the Hex color DC5030.

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
DC5030

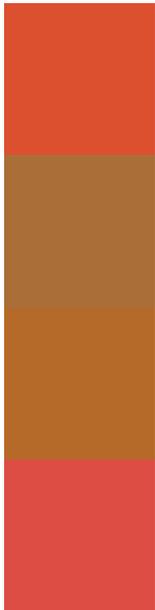
Protanopia
8D803E

Deuteranopia
A07925



Tritanopia
DD4C50

Trichromacy



Original Color
DC5030

Protanomaly
AA6F39

Deuteranomaly
B66A29

Tritanomaly
DD4D44

Monochromacy



Original Color
DC5030

Achromatopsia
767676

Achromatomaly
9B685D

CSS Examples

Text

The CSS property to change the color of the text to Hex DC5030 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 #DC5030 looks like.

```
.text, #text, p{  
    color:#DC5030  
}
```

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 #DC5030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC5030
}
```

Border

The CSS property to change the border of an element to Hex DC5030 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
#DC5030 }
```

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

```
.border{ border-color:#DC5030 }
```

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

Here you see how a box with a 4 pixel #DC5030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC5030; -webkit-box-shadow:4px 4px  
4px 4px #DC5030; box-shadow:4px 4px 4px  
4px #DC5030 }
```

Background

The CSS property to change the background color of an element to Hex DC5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC5030 }
```

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

```
.background{ background-color:#DC5030 }
```

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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