

Converting Colors

Hex(DC5B30)

Have a look what the booklet for
Hex(DC5B30) contains.

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Color

Hex(DC5B30)

Conversions

Conversions Part 1

Format	Color
Hex	DC5B30
RGB	220, 91, 48
RGB Percent	86%, 36%, 19%
CMY	0.1373, 0.6431, 0.8118
CMYK	0.00, 0.59, 0.78, 0.14
HSL	15°, 71%, 53%
HSV	15°, 78%, 86%
XYZ	33.7898, 22.9112, 5.4377
YIQ	124.6690, 90.6870, 13.9750

Conversions

Conversions Part 2

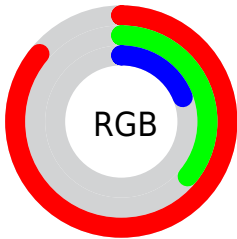
Format	Color
R _Y B	220, 105, 48
Decimal	14441264
CIE Lab	54.98, 48.25, 48.73
CIE LCh	55, 68.577, 45.282
Yxy	22.9112, 0.5438, 0.3687
Android (android.graphics.Color)	4292631344 (0xFFDC5B30)
YUV	124.6690, -37.7978, 83.6053
Hunter-Lab	47.8657, 42.2435, 26.7704

Details

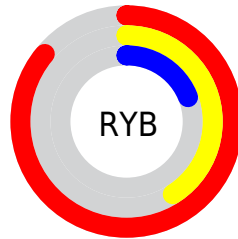
The Hex color **DC5B30** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **30B1DC**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9161**, and **9E2400** is the 20% darker color. If you saturate the color by 10%, you get **DC4B1A**, and if you desaturate by 10%, it is **DC6B46**.

Distribution



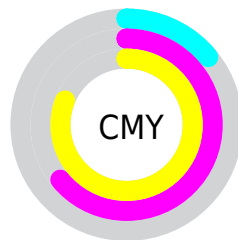
- Red (86%)
- Green (36%)
- Blue (19%)



- Red (86%)
- Yellow (41%)
- Blue (19%)



- Cyan (0%)
- Magenta (59%)
- Yellow (78%)
- Black (14%)



- Cyan (14%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC5B30 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 DC5B30 by changing the saturation by 10% instead.

 DC5B30

 DC5B30

FFFFFF

 BD4018

 FF9161

 9E2400

 FFAD7B

 7F0000

 FFC995

 610000

 FFE6B0

 440000

 FFFFCC

 280001

 FFFFEE

 000000

 DC5B30

 DC5B30

 DC4B1A

 DC6B46

 DC3A04

 DC7C5C

 DC3700

 DC8D72

 DC9D88

 DCAE9E

 DCBEB4

 DCCFCA

 DCDFE0

 DCF0F6

Harmonies

Analogous

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



EC4368



DC5B30



B67600

Triad

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



DC5B30



009D63



3280F7

Complementary

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



DC5B30



30B1DC

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.



0093F7



DC5B30



009EA1

Square

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



DC5B30



389626



009CD7



AC65D8

Rectangle

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



DC5B30



958400



009CD7



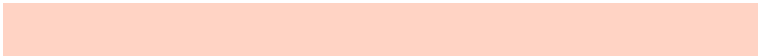
0088FB

Sweetspot

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



DC5B30



FFD3C4



DC30B1



80655C



000000



808080

Same Dimension

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



DC5B30



FF4B0F



DCB130



6E6563



AD2B00



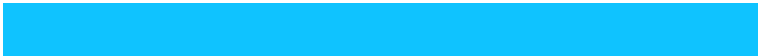
2E0B00

Inverse Universe

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



30B1DC



0FC3FF



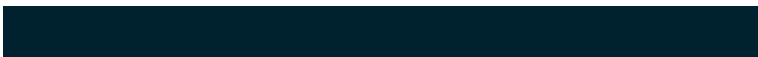
305BDC



636B6E



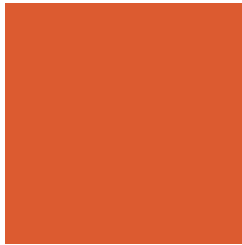
0082AD



00222E

Previews

White Background



This preview shows how the Hex color DC5B30 looks on a white background.

Color Contrast Check

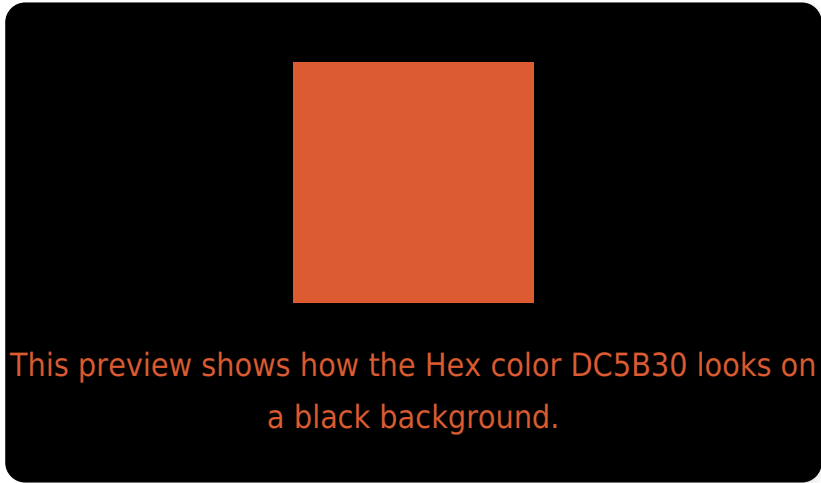
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC5B30 Background



This preview shows how black text looks on a background with the Hex color DC5B30.

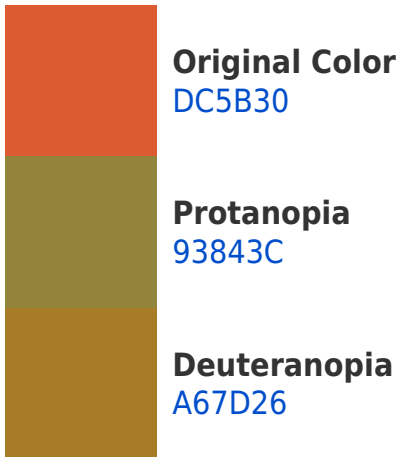



This preview shows how white text looks on a background with the Hex color DC5B30.

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





Tritanopia
DE565B

Trichromacy



Original Color
DC5B30

Protanomaly
AE7538

Deuteranomaly
BA712A

Tritanomaly
DD584B

Monochromacy



Original Color
DC5B30

Achromatopsia
7D7D7D

Achromatomaly
A07161

CSS Examples

Text

The CSS property to change the color of the text to Hex DC5B30 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 #DC5B30 looks like.

```
.text, #text, p{  
    color:#DC5B30  
}
```

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 #DC5B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC5B30
}
```

Border

The CSS property to change the border of an element to Hex DC5B30 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
#DC5B30 }
```

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

```
.border{ border-color:#DC5B30 }
```

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

Here you see how a box with a 4 pixel #DC5B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC5B30; -webkit-box-shadow:4px 4px  
4px 4px #DC5B30; box-shadow:4px 4px 4px  
4px #DC5B30 }
```

Background

The CSS property to change the background color of an element to Hex DC5B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC5B30 }
```

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

```
.background{ background-color:#DC5B30 }
```

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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