

Converting Colors

Hex(DC5531)

Have a look what the booklet for
Hex(DC5531) contains.

Hex(DC5531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DC5531)

Conversions

Conversions Part 1

Format	Color
Hex	DC5531
RGB	220, 85, 49
RGB Percent	86%, 33%, 19%
CMY	0.1373, 0.6667, 0.8078
CMYK	0.00, 0.61, 0.78, 0.14
HSL	13°, 71%, 53%
HSV	13°, 78%, 86%
XYZ	33.3181, 21.9344, 5.3834
YIQ	121.2610, 92.0160, 17.4240

Conversions

Conversions Part 2

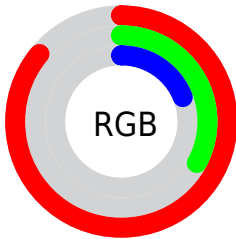
Format	Color
RYB	220, 95, 49
Decimal	14439729
CIELab	53.96, 51.01, 47.21
CIElCh	54, 69.502, 42.786
Yxy	21.9344, 0.5495, 0.3617
Android (android.graphics.Color)	4292629809 (0xFFDC5531)
YUV	121.2610, -35.6247, 86.5941
Hunter-Lab	46.8342, 45.0261, 25.9687

Details

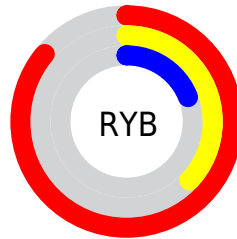
The Hex color **DC5531** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark muted red. A complement of this color would be **31B8DC**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8B62**, and **9D1B00** is the 20% darker color. If you saturate the color by 10%, you get **DC441B**, and if you desaturate by 10%, it is **DC6647**.

Distribution



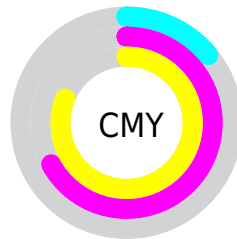
- Red (86%)
- Green (33%)
- Blue (19%)



- Red (86%)
- Yellow (37%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (78%)
- Black (14%)



- Cyan (14%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC5531 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 DC5531 by changing the saturation by 10% instead.

 DC5531

 DC5531

FFFFFF

 BC3A19

 FF8B62

 9D1B00

 FFA77B

 7F0000

 FFC395

 600000

 FFE0B1

 430001

 FFFECC

 260001

 FFFFEE

 000000

 DC5531

 DC5531

 DC441B

 DC6647

 DC3205

 DC785D

 DC2E00

 DC8973

 DC9A89

 DCAC9F

 DCBDB5

 DCCFCB

 DCE0E1

 DCF1F7

Harmonies

Analogous

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



EA3D6A



DC5531



B77100

Triad

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



DC5531



009A5B



0080F7

Complementary

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



DC5531



31B8DC

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



DC5531



009C9A

Square

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



DC5531



3C931B



009AD2



A364DA

Rectangle

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



DC5531



968000



009AD2



0087FA

Sweetspot

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



DC5531



FFD1C4



DC31BA



80635C



000000



808080

Same Dimension

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



DC5531



FF4412



DCA931



6E6563



AD2500



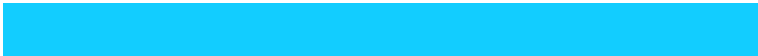
2E0A00

Inverse Universe

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



31B8DC



12CDFF



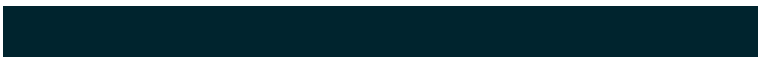
3164DC



636B6E



0089AD



00242E

Previews

White Background



This preview shows how the Hex color DC5531 looks on a white background.

Color Contrast Check

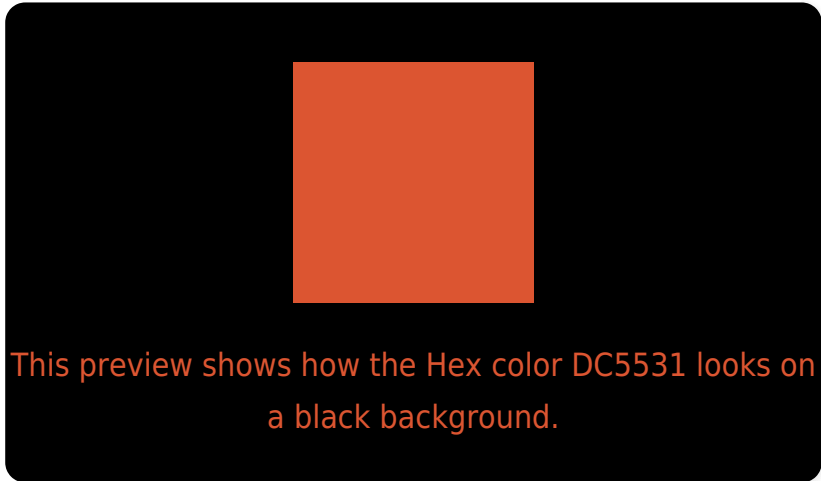
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC5531 Background



This preview shows how black text looks on a background with the Hex color DC5531.



This preview shows how white text looks on a background with the Hex color DC5531.

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
DC5531

Protanopia
8F823E

Deuteranopia
A27B27

Trichromacy



Original Color
DC5531

Protanomaly
AB7239

Deuteranomaly
B76D2B

Tritanomaly
DD5249

Monochromacy



Original Color
DC5531

Achromatopsia
797979

Achromatomaly
9D6C5F

CSS Examples

Text

The CSS property to change the color of the text to Hex DC5531 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 #DC5531 looks like.

```
.text, #text, p{  
    color:#DC5531  
}
```

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 #DC5531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC5531
}
```

Border

The CSS property to change the border of an element to Hex DC5531 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
#DC5531 }
```

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

```
.border{ border-color:#DC5531 }
```

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

Here you see how a box with a 4 pixel #DC5531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC5531; -webkit-box-shadow:4px 4px  
4px 4px #DC5531; box-shadow:4px 4px 4px  
4px #DC5531 }
```

Background

The CSS property to change the background color of an element to Hex DC5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC5531 }
```

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

```
.background{ background-color:#DC5531 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor