

# Converting Colors

Hex(DE5935)

Have a look what the booklet for  
Hex(DE5935) contains.

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**Color**

**Hex(DE5935)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE5935
RGB	222, 89, 53
RGB Percent	87%, 35%, 21%
CMY	0.1294, 0.6510, 0.7922
CMYK	0.00, 0.60, 0.76, 0.13
HSL	13°, 72%, 54%
HSV	13°, 76%, 87%
XYZ	34.3392, 22.9314, 5.9845
YIQ	124.6630, 90.8240, 17.0000

# Conversions

## Conversions Part 2

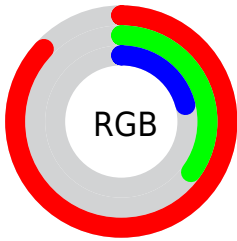
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 99, 53
Decimal	14571829
CIE <sub>Lab</sub>	55.00, 50.07, 46.37
CIE <sub>LCh</sub>	55, 68.248, 42.805
Yxy	22.9314, 0.5429, 0.3625
Android (android.graphics.Color)	4292761909 (0xFFDE5935)
YUV	124.6630, -35.3299, 85.3645
Hunter-Lab	47.8867, 44.1991, 26.1111

# Details

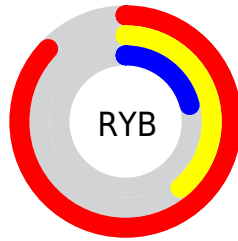
The Hex color **DE5935** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **35BADE**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8F66**, and **9F2104** is the 20% darker color. If you saturate the color by 10%, you get **DE481F**, and if you desaturate by 10%, it is **DE6A4B**.

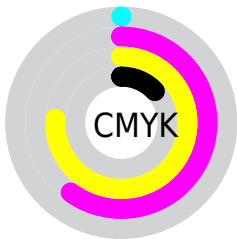
# Distribution



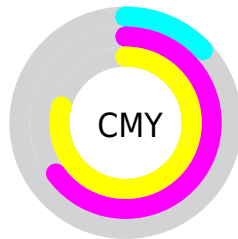
- Red (87%)
- Green (35%)
- Blue (21%)



- Red (87%)
- Yellow (39%)
- Blue (21%)



- Cyan (0%)
- Magenta (60%)
- Yellow (76%)
- Black (13%)



- Cyan (13%)
- Magenta (65%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE5935 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 DE5935 by changing the saturation by 10% instead.



 DE5935

 DE5935

FFFFFF

 BF3E1D

 FF8F66

 9F2104

 FFAB7F

 810000

 FFC79A

 620000

 FFE4B5

 450000

 FFFFD1

 290001

 FFFFED

 000000

 DE5935

 DE5935

 DE481F

 DE6A4B

 DE3609

 DE7C61

 DE2F00

 DE8D78

 DE9F8E

 DEB0A4

 DEC2BA

 DED3D0

 DEE5E7

 DEF6FD

# Harmonies

## Analogous

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



EC436D



DE5935



BA7400

# Triad

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



DE5935



009C5E



1282F8

# Complementary

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



DE5935



35BADE

# 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.



0094F5



DE5935



009E9C

# Square

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



DE5935



419621



009CD3



A567DB

# Rectangle

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



DE5935



998300



009CD3



0089FB



# Sweetspot

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



DE5935



FFD1C4



DE35BC



80635C



000000



808080



# Same Dimension

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



DE5935



FF4817



DEAB35



706765



B02500



300A00



# Inverse Universe

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



35BADE



17CEFF



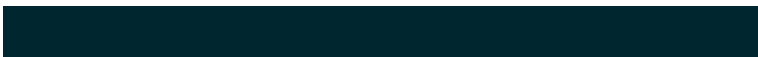
3568DE



656E70



008AB0

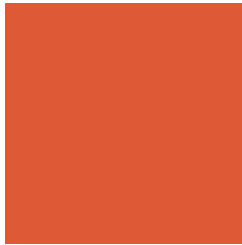


002630



# Previews

## White Background



This preview shows how the Hex color DE5935 looks on a white background.

## Color Contrast Check

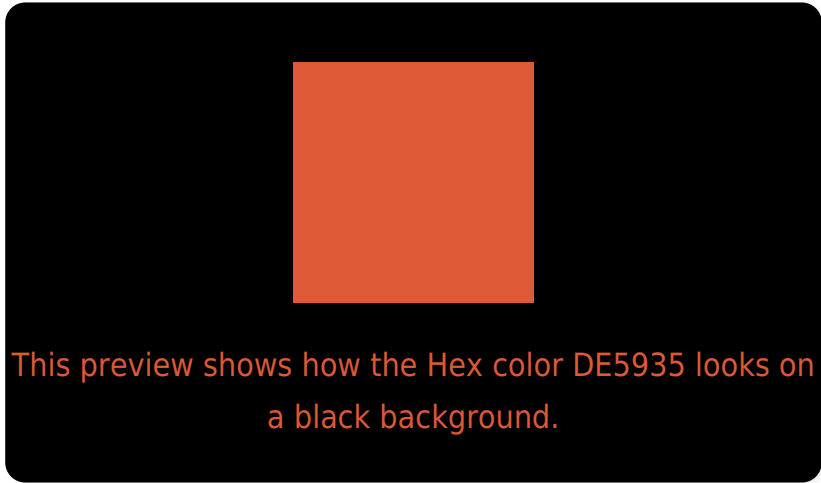
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE5935 Background



This preview shows how black text looks on a background with the Hex color DE5935.

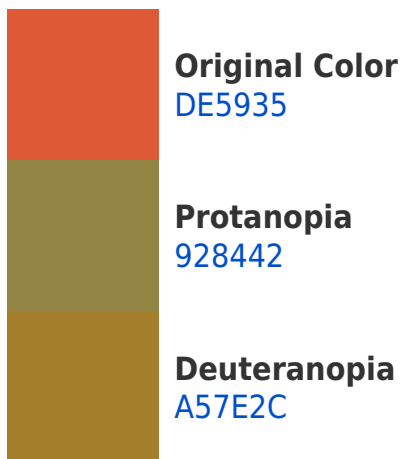


This preview shows how white text looks on a background with the Hex color DE5935.

# 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





# Trichromacy



**Original Color**  
DE5935

**Protanomaly**  
AE743D

**Deuteranomaly**  
BA712F

**Tritanomaly**  
DF564D

# Monochromacy



**Original Color**  
DE5935

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
A07063

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE5935 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 #DE5935 looks like.

```
.text, #text, p{  
    color:#DE5935  
}
```

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 #DE5935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE5935  
}
```

## Border

The CSS property to change the border of an element to Hex DE5935 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  
#DE5935 }
```

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

```
.border{ border-color:#DE5935 }
```

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

Here you see how a box with a 4 pixel #DE5935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE5935; -webkit-box-shadow:4px 4px  
4px 4px #DE5935; box-shadow:4px 4px 4px  
4px #DE5935 }
```

# Background

The CSS property to change the background color of an element to Hex DE5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE5935 }
```

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

```
.background{ background-color:#DE5935 }
```

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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