

# Converting Colors

Hex(DE5416)

Have a look what the booklet for  
Hex(DE5416) contains.

<b>Hex(DE5416)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DE5416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE5416
RGB	222, 84, 22
RGB Percent	87%, 33%, 9%
CMY	0.1294, 0.6706, 0.9137
CMYK	0.00, 0.62, 0.90, 0.13
HSL	19°, 82%, 48%
HSV	19°, 90%, 87%
XYZ	33.4393, 21.9282, 3.2292
YIQ	118.1940, 102.1500, 9.9740

# Conversions

## Conversions Part 2

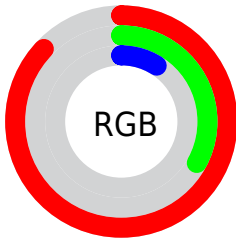
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">222, 112, 22</a>
Decimal	<a href="#">14570518</a>
CIELab	<a href="#">53.95, 51.46, 58.70</a>
CIELCh	<a href="#">54, 78.063, 48.758</a>
Yxy	<a href="#">21.9282, 0.5707, 0.3742</a>
Android (android.graphics.Color)	<a href="#">4292760598</a> (0xFFDE5416)
YUV	<a href="#">118.1940, -47.4236, 91.0379</a>
Hunter-Lab	<a href="#">46.8275, 45.5180, 28.6907</a>

# Details

The Hex color **DE5416** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **16A0DE**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8A4B**, and **9F1900** is the 20% darker color. If you saturate the color by 10%, you get **DE4500**, and if you desaturate by 10%, it is **DE632C**.

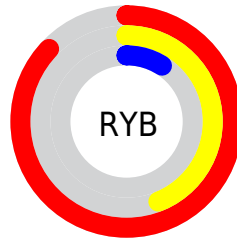
# Distribution



Red (87%)

Green (33%)

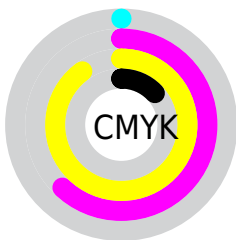
Blue (9%)



Red (87%)

Yellow (44%)

Blue (9%)

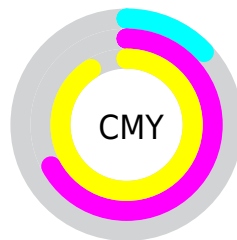


Cyan (0%)

Magenta (62%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (67%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE5416 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 DE5416 by changing the saturation by 10% instead.



 DE5416

 DE5416

FFFFFF

 BE3900

 FF8A4B

 9F1900

 FFA664

 7F0000

 FFC27E

 610000

 FFDF99

 440001

 FFFCB5

 270001

 FFFFD1

 000000

 FFFFEE

 DE5416

 DE5416

 DE4500

 DE632C

 DE7342

 DE8259

 DE916F

 DEA185

 DEB09B

 DEBFB1

 DECFC8

 DEDEDE

# Harmonies

## Analogous

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



F42D5A



DE5416



B17500

# Triad

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



DE5416



009C64



297AFF

# Complementary

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



DE5416



16A0DE

# 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.



0091FF



DE5416



009EAB

# Square

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



DE5416



009718



009BE6



B657DB

# Rectangle

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



DE5416



8A8500



009BE6



0083FF



# Sweetspot

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



DE5416



FFCFBA



DE16A2



806357



000000



808080



# Same Dimension

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



DE5416



FF4F00



DEB616



706865



B03700



300F00

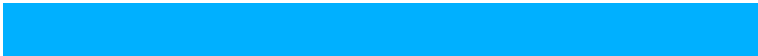


# Inverse Universe

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



16A0DE



00B0FF



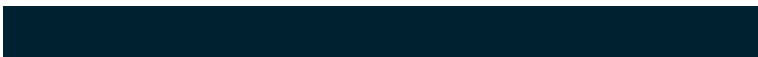
163EDE



656D70



0079B0



002130



# Previews

## White Background



This preview shows how the Hex color DE5416 looks on a white background.

## Color Contrast Check

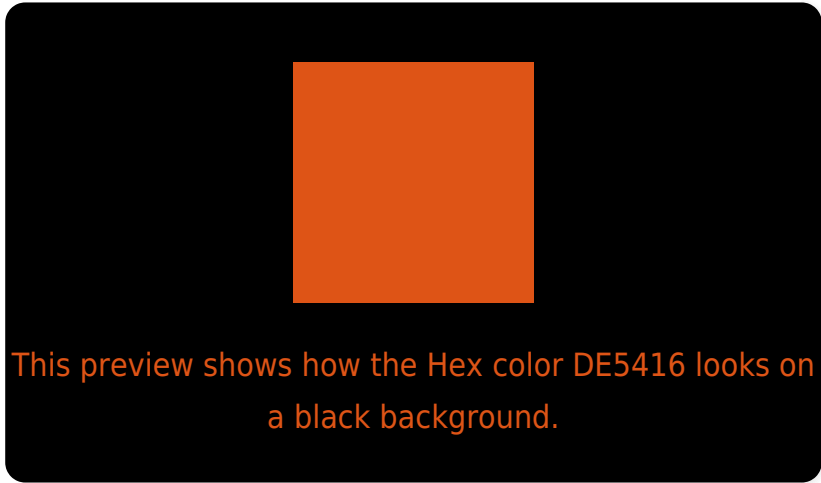
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE5416 Background



This preview shows how black text looks on a background with the Hex color DE5416.



This preview shows how white text looks on a background with the Hex color DE5416.

# 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**  
DE5416

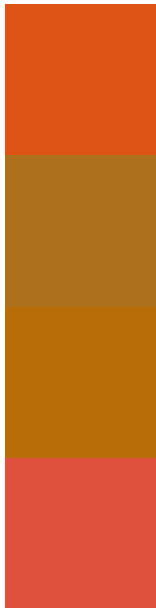
**Protanopia**  
918222

**Deuteranopia**  
A47B00



**Tritanopia**  
E04E53

# Trichromacy



**Original Color**  
DE5416

**Protanomaly**  
AD711E

**Deuteranomaly**  
B96D08

**Tritanomaly**  
DF503D

# Monochromacy



**Original Color**  
DE5416

**Achromatopsia**  
767676

**Achromatomaly**  
9C6A53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE5416 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 #DE5416 looks like.

```
.text, #text, p{  
    color:#DE5416  
}
```

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 #DE5416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE5416
}
```

## Border

The CSS property to change the border of an element to Hex DE5416 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
#DE5416 }
```

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

```
.border{ border-color:#DE5416 }
```

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

Here you see how a box with a 4 pixel #DE5416 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE5416; -webkit-box-shadow:4px 4px  
4px 4px #DE5416; box-shadow:4px 4px 4px  
4px #DE5416 }
```

# Background

The CSS property to change the background color of an element to Hex DE5416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE5416 }
```

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

```
.background{ background-color:#DE5416 }
```

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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