

Converting Colors

Hex(DE5C0D)

Have a look what the booklet for
Hex(DE5C0D) contains.

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Color

Hex(**DE5C0D**)

Conversions

Conversions Part 1

Format	Color
Hex	DE5C0D
RGB	222, 92, 13
RGB Percent	87%, 36%, 5%
CMY	0.1294, 0.6392, 0.9490
CMYK	0.00, 0.59, 0.94, 0.13
HSL	23°, 89%, 46%
HSV	23°, 94%, 87%
XYZ	34.0240, 23.2129, 3.0681
YIQ	121.8640, 102.8390, 2.9910

Conversions

Conversions Part 2

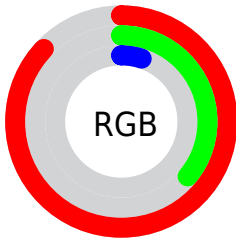
Format	Color
RYB	222, 140, 13
Decimal	14572557
CIELab	55.29, 47.73, 62.06
CIElCh	55, 78.289, 52.434
Yxy	23.2129, 0.5642, 0.3849
Android (android.graphics.Color)	4292762637 (0xFFDE5C0D)
YUV	121.8640, -53.6700, 87.8193
Hunter-Lab	48.1798, 41.7398, 29.9503

Details

The Hex color **DE5C0D** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **0D8FDE**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9246**, and **9F2600** is the 20% darker color. If you saturate the color by 10%, you get **DE5400**, and if you desaturate by 10%, it is **DE6A23**.

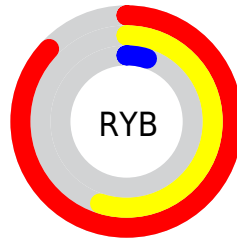
Distribution



Red (87%)

Green (36%)

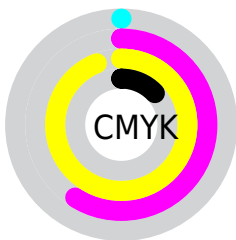
Blue (5%)



Red (87%)

Yellow (55%)

Blue (5%)

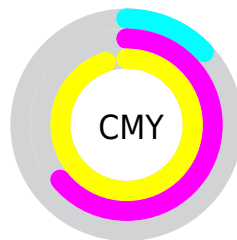


Cyan (0%)

Magenta (59%)

Yellow (94%)

Black (13%)



Cyan (13%)

Magenta (64%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE5C0D 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 DE5C0D by changing the saturation by 10% instead.

 DE5C0D

 DE5C0D

FFFFFF

 BE4100

 FF9246

 9F2600

 FFAD60

 7F0000

 FFCA7B

 610000

 FFE696

 440000

 FFFFB1

 290001

 FFFFCD

 000000

 FFFFEA

 DE5C0D

 DE5C0D

■ DE5400

■ DE6A23

■ DE7839

■ DE8550

■ DE9366

■ DEA17C

■ DEAF92

■ DEBDA8

■ DECABF

■ DED8D5

Harmonies

Analogous

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



F83655



DE5C0D



AF7C00

Triad

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



DE5C0D



00A170



517AFF

Complementary

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



DE5C0D



0D8FDE

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.



0092FF



DE5C0D



00A2B7

Square

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



DE5C0D



009B27



009EF0



C356D8

Rectangle

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



DE5C0D



868A00



009EF0



0084FF

Sweetspot

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



DE5C0D



FFD3B8



DE0D91



806554



000000



808080

Same Dimension

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



DE5C0D



FF6000



DEC20D



706965



B04300



301200

Inverse Universe

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



0D8FDE



009FFF



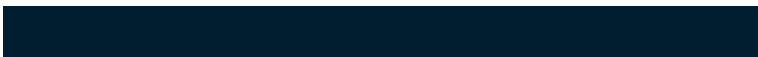
0D29DE



656C70



006DB0



001E30

Previews

White Background



This preview shows how the Hex color DE5C0D 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 DE5C0D Background



This preview shows how black text looks on a background with the Hex color DE5C0D.



This preview shows how white text looks on a background with the Hex color DE5C0D.

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
DE5C0D

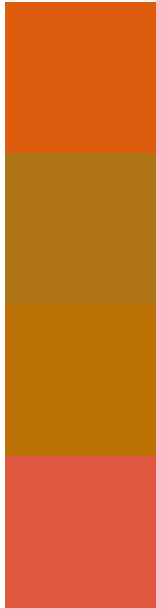
Protanopia
96851A

Deuteranopia
A87E00



Tritanopia
E0565B

Trichromacy



Original Color
DE5C0D

Protanomaly
B07615

Deuteranomaly
BC7205

Tritanomaly
DF583F

Monochromacy



Original Color
DE5C0D

Achromatopsia
7A7A7A

Achromatomaly
9E6F52

CSS Examples

Text

The CSS property to change the color of the text to Hex DE5C0D 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 #DE5C0D looks like.

```
.text, #text, p{  
    color:#DE5C0D  
}
```

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 #DE5C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE5C0D
}
```

Border

The CSS property to change the border of an element to Hex DE5C0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

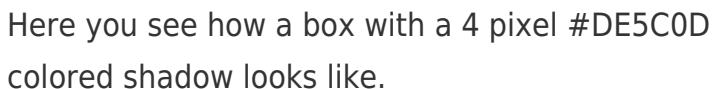
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE5C0D }
```

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

```
.border{ border-color:#DE5C0D }
```

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



Here you see how a box with a 4 pixel `#DE5C0D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE5C0D; -webkit-box-shadow:4px 4px  
4px 4px #DE5C0D; box-shadow:4px 4px 4px  
4px #DE5C0D }
```

Background

The CSS property to change the background color of an element to Hex DE5C0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE5C0D }
```

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

```
.background{ background-color:#DE5C0D }
```

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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