

# Converting Colors

Hex(E25D0F)

Have a look what the booklet for  
Hex(E25D0F) contains.

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# Color

Hex(E25D0F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E25D0F
RGB	226, 93, 15
RGB Percent	89%, 36%, 6%
CMY	0.1137, 0.6353, 0.9412
CMYK	0.00, 0.59, 0.93, 0.11
HSL	22°, 88%, 47%
HSV	22°, 93%, 89%
XYZ	35.3646, 24.0319, 3.2266
YIQ	123.8750, 104.3060, 3.9380

# Conversions

## Conversions Part 2

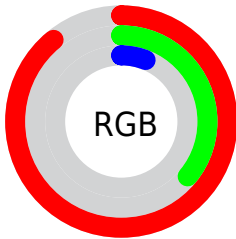
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 139, 15
Decimal	14834959
CIE <sub>Lab</sub>	56.12, 48.76, 62.45
CIE <sub>LCh</sub>	56, 79.235, 52.019
Yxy	24.0319, 0.5647, 0.3838
Android (android.graphics.Color)	4293025039 (0xFFE25D0F)
YUV	123.8750, -53.6754, 89.5636
Hunter-Lab	49.0224, 42.9802, 30.4132

# Details

The Hex color **E25D0F** 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 **0F94E2**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9348**, and **A32600** is the 20% darker color. If you saturate the color by 10%, you get **E25400**, and if you desaturate by 10%, it is **E26B26**.

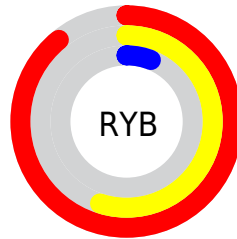
# Distribution



Red (89%)

Green (36%)

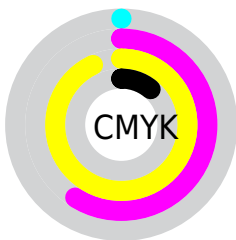
Blue (6%)



Red (89%)

Yellow (55%)

Blue (6%)

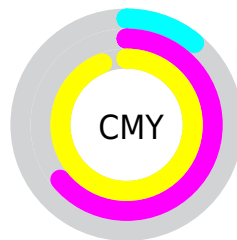


Cyan (0%)

Magenta (59%)

Yellow (93%)

Black (11%)



Cyan (11%)

Magenta (64%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E25D0F 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 E25D0F by changing the saturation by 10% instead.



 E25D0F

 E25D0F

FFFFFF

 C24200

 FF9348

 A32600

 FFAF62

 830000

 FFCB7C

 650000

 FFE897

 470000

 FFFFB3

 2C0001

 FFFFCE

 000000

 FFFFEC

 E25D0F

 E25D0F

 E25400

 E26B26

 E2793C

 E28853

 E29669

 E2A480

 E2B297

 E2C1AD

 E2CFC4

 E2DDDA

# Harmonies

## Analogous

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



FC3658



E25D0F



B27D00

# Triad

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



E25D0F



00A371



4F7DFF

# Complementary

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



E25D0F



0F94E2

# 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.



0095FF



E25D0F



00A4B9

# Square

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



E25D0F



009E26



00A1F3



C558DC

# Rectangle

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



E25D0F



898C00



00A1F3



0086FF



# Sweetspot

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



E25D0F



FFD2B8



E20F95



806454



000000



808080



# Same Dimension

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



E25D0F



FF5E00



E2C60F



706965



B04100



301200

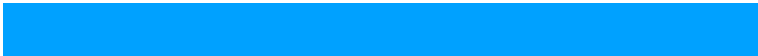


# Inverse Universe

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



0F94E2



00A1FF



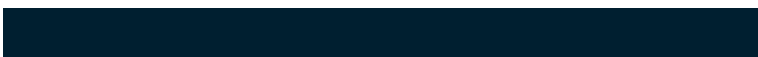
0F2BE2



656C70



006FB0



001F30



# Previews

## White Background



This preview shows how the Hex color E25D0F looks on a white background.

## Color Contrast Check

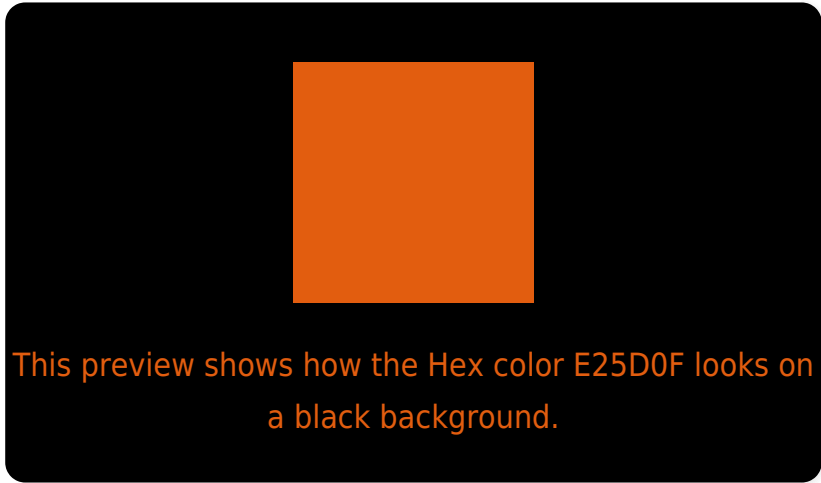
Large Text (above 18pt) WCAG AA ✓ Pass

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 E25D0F Background



This preview shows how black text looks on a background with the Hex color E25D0F.



This preview shows how white text looks on a background with the Hex color E25D0F.

# 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**  
E25D0F

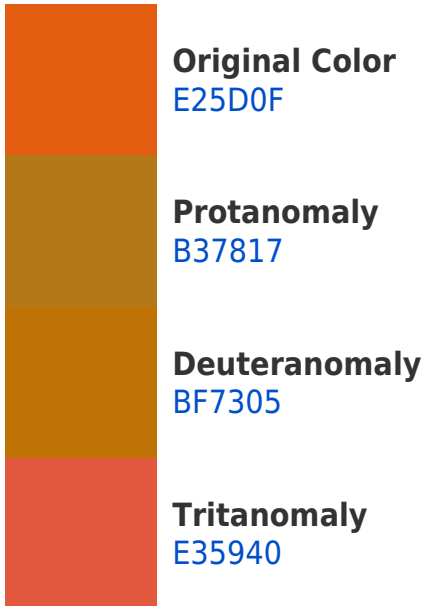
**Protanopia**  
98871B

**Deuteranopia**  
AB8000



**Tritanopia**  
E4575C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E25D0F 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 #E25D0F looks like.

```
.text, #text, p{  
    color:#E25D0F  
}
```

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 #E25D0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E25D0F
}
```

## Border

The CSS property to change the border of an element to Hex E25D0F 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
#E25D0F }
```

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

```
.border{ border-color:#E25D0F }
```

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

Here you see how a box with a 4 pixel #E25D0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E25D0F; -webkit-box-shadow:4px 4px  
4px 4px #E25D0F; box-shadow:4px 4px 4px  
4px #E25D0F }
```

# Background

The CSS property to change the background color of an element to Hex E25D0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E25D0F }
```

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

```
.background{ background-color:#E25D0F }
```

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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