

# Converting Colors

Hex(E9550F)

Have a look what the booklet for  
Hex(E9550F) contains.

<b>Hex(E9550F)</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(E9550F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E9550F
RGB	233, 85, 15
RGB Percent	91%, 33%, 6%
CMY	0.0863, 0.6667, 0.9412
CMYK	0.00, 0.64, 0.94, 0.09
HSL	19°, 88%, 49%
HSV	19°, 94%, 91%
XYZ	36.9390, 23.8551, 3.1095
YIQ	121.2720, 110.6780, 9.6060

# Conversions

## Conversions Part 2

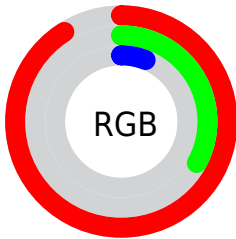
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 118, 15
Decimal	15291663
CIE <sub>Lab</sub>	55.94, 54.79, 62.91
CIE <sub>LCh</sub>	56, 83.418, 48.947
Yxy	23.8551, 0.5780, 0.3733
Android (android.graphics.Color)	4293481743 (0xFFE9550F)
YUV	121.2720, -52.3921, 97.9855
Hunter-Lab	48.8417, 49.5266, 30.4145

# Details

The Hex color **E9550F** 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 **0FA3E9**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8C47**, and **A91800** is the 20% darker color. If you saturate the color by 10%, you get **E94B00**, and if you desaturate by 10%, it is **E96526**.

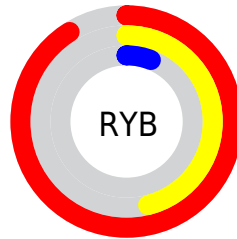
# Distribution



Red (91%)

Green (33%)

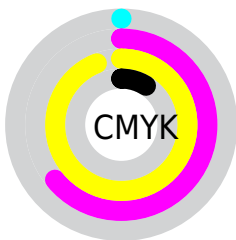
Blue (6%)



Red (91%)

Yellow (46%)

Blue (6%)

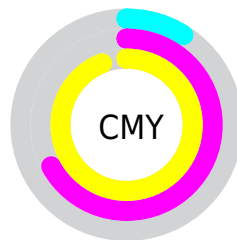


Cyan (0%)

Magenta (64%)

Yellow (94%)

Black (9%)



Cyan (9%)

Magenta (67%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9550F 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 E9550F by changing the saturation by 10% instead.



 E9550F

 E9550F

FFFFFF

 C93900

 FF8C47

 A91800

 FFA861

 890000

 FFC57B

 6A0000

 FFE296

 4C0000

 FFFFB2

 300002

 FFFFCE

 000000

 FFFFEB

 E9550F

 E9550F

 E94B00

 E96526

 E9753E

 E98455

 E9946C

 E9A484

 E9B49B

 E9C4B2

 E9D4C9

 E9E3E1

# Harmonies

## Analogous

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



FF265C



E9550F



B97900

# Triad

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



E9550F



00A368



1B7FFF

# Complementary

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



E9550F



0FA3E9

# 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.



0097FF



E9550F



00A5B3

# Square

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



E9550F



009D11



00A2F3



BF58E7

# Rectangle

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



E9550F



8F8A00



00A2F3



0089FF



# Sweetspot

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



E9550F



FFCFB8



E90FA4



806254



000000



808080



# Same Dimension

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



E9550F



FF5200



E9C10F



756D6A



B53A00



361100



# Inverse Universe

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



0FA3E9



00ADFF



0F37E9



6A7275



007BB5



002436



# Previews

## White Background



This preview shows how the Hex color E9550F 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 E9550F Background



This preview shows how black text looks on a background with the Hex color E9550F.



This preview shows how white text looks on a background with the Hex color E9550F.

# 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



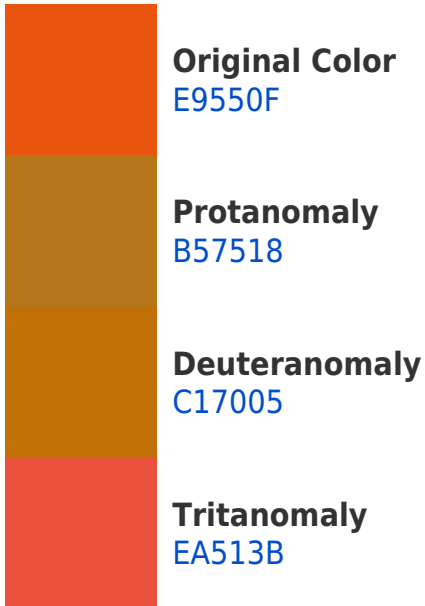
**Original Color**  
E9550F

**Protanopia**  
97871D

**Deuteranopia**  
AA8000



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9550F 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 #E9550F looks like.

```
.text, #text, p{  
    color:#E9550F  
}
```

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 #E9550F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9550F
}
```

## Border

The CSS property to change the border of an element to Hex E9550F 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
#E9550F }
```

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

```
.border{ border-color:#E9550F }
```

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

Here you see how a box with a 4 pixel #E9550F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9550F; -webkit-box-shadow:4px 4px  
4px 4px #E9550F; box-shadow:4px 4px 4px  
4px #E9550F }
```

# Background

The CSS property to change the background color of an element to Hex E9550F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9550F }
```

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

```
.background{ background-color:#E9550F }
```

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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