

Converting Colors

Hex(EB650D)

Have a look what the booklet for
Hex(EB650D) contains.

Hex(EB650D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EB650D)

Conversions

Conversions Part 1

Format	Color
Hex	EB650D
RGB	235, 101, 13
RGB Percent	92%, 40%, 5%
CMY	0.0784, 0.6039, 0.9490
CMYK	0.00, 0.57, 0.94, 0.08
HSL	24°, 90%, 49%
HSV	24°, 94%, 92%
XYZ	38.9873, 26.9986, 3.5372
YIQ	131.0340, 108.1120, 1.0400

Conversions

Conversions Part 2

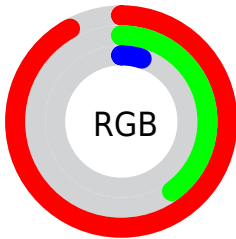
Format	Color
RYB	235, 159, 13
Decimal	15426829
CIELab	58.97, 48.35, 65.45
CIElCh	59, 81.368, 53.547
Yxy	26.9986, 0.5608, 0.3883
Android (android.graphics.Color)	4293616909 (0xFFEB650D)
YUV	131.0340, -58.1908, 91.1782
Hunter-Lab	51.9602, 43.0036, 32.3360

Details

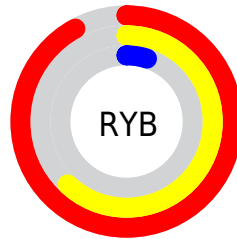
The Hex color **EB650D** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **0D93EB**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF9B48**, and **AB2F00** is the 20% darker color. If you saturate the color by 10%, you get **EB5D00**, and if you desaturate by 10%, it is **EB7325**.

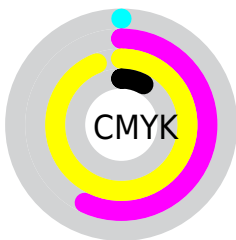
Distribution



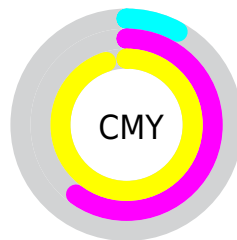
- Red (92%)
- Green (40%)
- Blue (5%)



- Red (92%)
- Yellow (62%)
- Blue (5%)



- Cyan (0%)
- Magenta (57%)
- Yellow (94%)
- Black (8%)



- Cyan (8%)
- Magenta (60%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB650D 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 EB650D by changing the saturation by 10% instead.

 EB650D

 EB650D

FFFFFF

 CB4A00

 FF9B48

 AB2F00

 FFB763

 8C0F00

 FFD37D

 6D0000

 FFF099

 4F0000

 FFFFB4

 350002

 FFFFD1

 020000

 FFFFED

 000000

 EB650D

 EB650D

■ EB5D00

■ EB7325

■ EB813C

■ EB9054

■ EB9E6B

■ EBAC83

■ EBBA9A

■ EBC8B2

■ EBD6C9

■ EBE5E1

Harmonies

Analogous

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



FF3E5A



EB650D



B88600

Triad

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



EB650D



00AC7C



6182FF

Complementary

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



EB650D



0D93EB

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.



009CFF



EB650D



00ADC5

Square

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



EB650D



00A62F



00A9FF



D35BE4

Rectangle

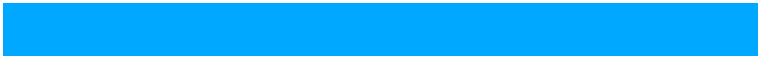
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB650D



8E9500



00A9FF



008CFF

Sweetspot

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



EB650D



FFD4B8



EB0D96



806554



000000



808080

Same Dimension

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



EB650D



FF6500



EBD10D



756E6A



B54800



361500

Inverse Universe

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



0D93EB



009AFF



0D27EB



6A7175



006DB5



002036

Previews

White Background



This preview shows how the Hex color EB650D looks on a white background.

Color Contrast Check

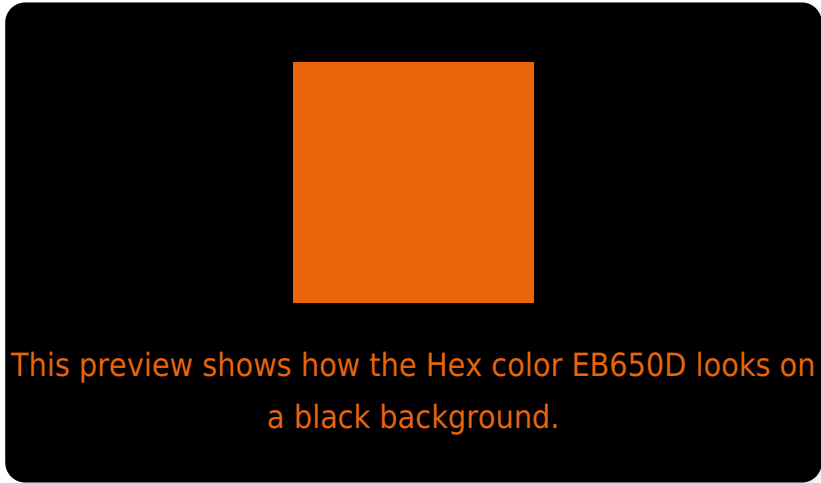
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB650D Background



This preview shows how black text looks on a background with the Hex color EB650D.



This preview shows how white text looks on a background with the Hex color EB650D.

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

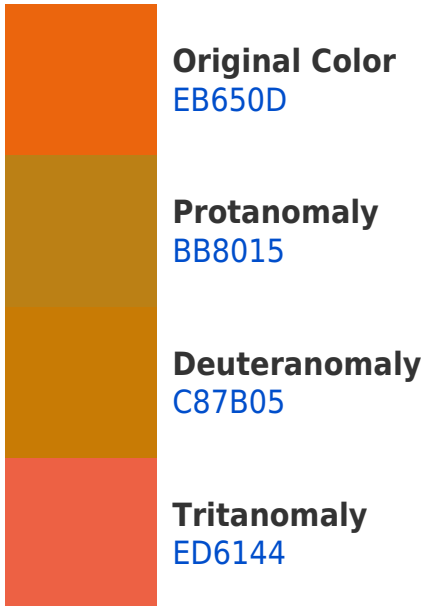


Original Color
EB650D

Protanopia
A08F1A

Deuteranopia
B48700

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB650D 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 #EB650D looks like.

```
.text, #text, p{  
    color:#EB650D  
}
```

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 #EB650D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB650D
}
```

Border

The CSS property to change the border of an element to Hex EB650D 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
#EB650D }
```

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

```
.border{ border-color:#EB650D }
```

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

Here you see how a box with a 4 pixel #EB650D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB650D; -webkit-box-shadow:4px 4px  
4px 4px #EB650D; box-shadow:4px 4px 4px  
4px #EB650D }
```

Background

The CSS property to change the background color of an element to Hex EB650D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB650D }
```

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

```
.background{ background-color:#EB650D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor