

# Converting Colors

Hex(EB5C28)

Have a look what the booklet for  
Hex(EB5C28) contains.

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**Color**

**Hex(EB5C28)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB5C28
RGB	235, 92, 40
RGB Percent	92%, 36%, 16%
CMY	0.0784, 0.6392, 0.8431
CMYK	0.00, 0.61, 0.83, 0.08
HSL	16°, 83%, 54%
HSV	16°, 83%, 92%
XYZ	38.4711, 25.4697, 4.8960
YIQ	128.8290, 101.9200, 14.1440

# Conversions

## Conversions Part 2

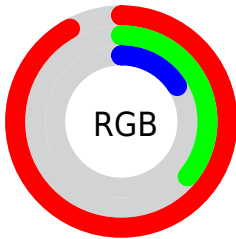
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 111, 40
Decimal	15424552
CIE Lab	57.53, 52.92, 55.66
CIE LCh	58, 76.798, 46.445
Yxy	25.4697, 0.5589, 0.3700
Android (android.graphics.Color)	4293614632 (0xFFEB5C28)
YUV	128.8290, -43.7927, 93.1120
Hunter-Lab	50.4675, 47.7516, 29.5754

# Details

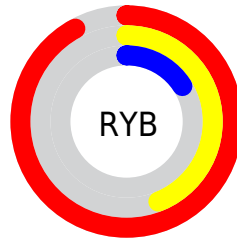
The Hex color **EB5C28** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **28B7EB**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF935A**, and **AB2300** is the 20% darker color. If you saturate the color by 10%, you get **EB4B11**, and if you desaturate by 10%, it is **EB6D3F**.

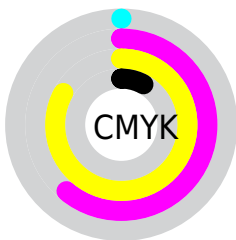
# Distribution



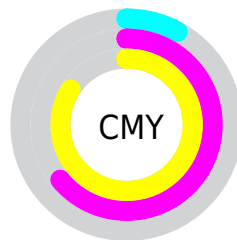
- Red (92%)
- Green (36%)
- Blue (16%)



- Red (92%)
- Yellow (44%)
- Blue (16%)



- Cyan (0%)
- Magenta (61%)
- Yellow (83%)
- Black (8%)



- Cyan (8%)
- Magenta (64%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB5C28 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 EB5C28 by changing the saturation by 10% instead.



 EB5C28

 EB5C28

FFFFFF

 CB400C

 FF935A

 AB2300

 FFAF74

 8C0000

 FFCB8E

 6D0000

 FFE8A9

 4F0000

 FFFFC5

 340002

 FFFFE2

 000000

 EB5C28

 EB5C28

 EB4B11

 EB6D3F

 EB3F00

 EB7E57

 EB906E

 EBA186

 EBB29E

 EBC3B5

 EBD5CC

 EBE6E4

 EBF7FB

# Harmonies

## Analogous

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



FF3C69



EB5C28



C07C00

# Triad

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



EB5C28



00A668



2686FF

# Complementary

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



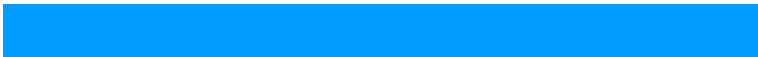
EB5C28



28B7EB

# 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.



009BFF



EB5C28



00A8AE

# Square

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



EB5C28



279F1F



00A5EB



BA65E8

# Rectangle

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



EB5C28



9A8C00



00A5EB



008EFF



# Sweetspot

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



EB5C28



FFD0BF



EB28B7



806359



000000



808080



# Same Dimension

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



EB5C28



FF4400



EBBD28



756D6A



B53000



360E00

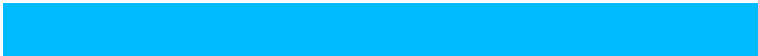


# Inverse Universe

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



28B7EB



00BBFF



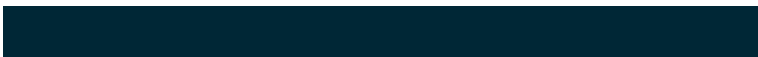
2856EB



6A7275



0085B5



002736



# Previews

## White Background



This preview shows how the Hex color EB5C28 looks on a white background.

## Color Contrast Check

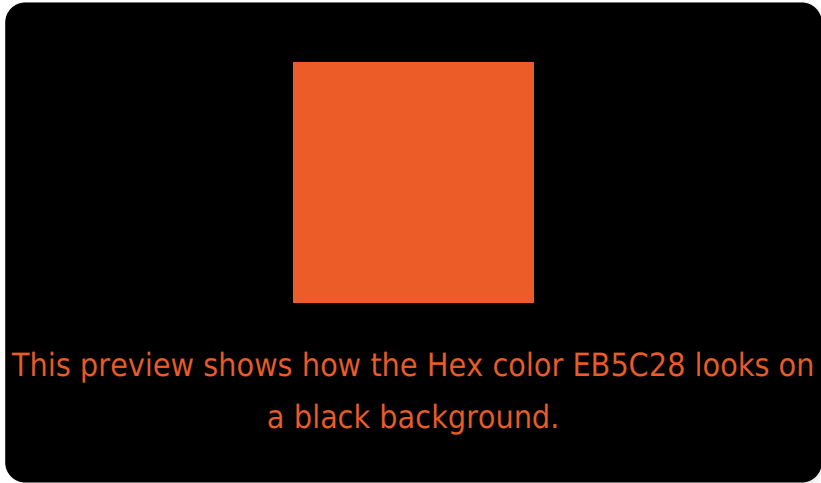
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB5C28 Background



This preview shows how black text looks on a background with the Hex color EB5C28.



This preview shows how white text looks on a background with the Hex color EB5C28.

# 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**  
EB5C28

**Protanopia**  
9B8B34

**Deuteranopia**  
AF8318



# Trichromacy



**Original Color**  
EB5C28

**Protanomaly**  
B87A30

**Deuteranomaly**  
C5751E

**Tritanomaly**  
EC5949

# Monochromacy



**Original Color**  
EB5C28

**Achromatopsia**  
818181

**Achromatomaly**  
A87461

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB5C28 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 #EB5C28 looks like.

```
.text, #text, p{  
    color:#EB5C28  
}
```

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 #EB5C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5C28
}
```

## Border

The CSS property to change the border of an element to Hex EB5C28 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
#EB5C28 }
```

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

```
.border{ border-color:#EB5C28 }
```

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

Here you see how a box with a 4 pixel #EB5C28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5C28; -webkit-box-shadow:4px 4px  
4px 4px #EB5C28; box-shadow:4px 4px 4px  
4px #EB5C28 }
```

# Background

The CSS property to change the background color of an element to Hex EB5C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5C28 }
```

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

```
.background{ background-color:#EB5C28 }
```

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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