

# Converting Colors

Hex(EB5230)

Have a look what the booklet for  
Hex(EB5230) contains.

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**Color**

**Hex(EB5230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB5230
RGB	235, 82, 48
RGB Percent	92%, 32%, 19%
CMY	0.0784, 0.6784, 0.8118
CMYK	0.00, 0.65, 0.80, 0.08
HSL	11°, 82%, 55%
HSV	11°, 80%, 92%
XYZ	37.8117, 23.9102, 5.4185
YIQ	123.8710, 102.1020, 21.8620

# Conversions

## Conversions Part 2

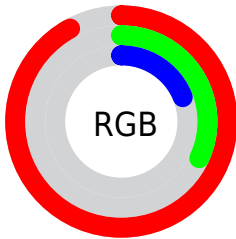
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 90, 48
Decimal	15422000
CIE <sub>Lab</sub>	56.00, 57.40, 50.57
CIE <sub>LCh</sub>	56, 76.497, 41.381
Yxy	23.9102, 0.5632, 0.3561
Android (android.graphics.Color)	4293612080 (0xFFEB5230)
YUV	123.8710, -37.4044, 97.4601
Hunter-Lab	48.8980, 52.4586, 27.6585

# Details

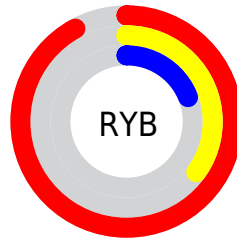
The Hex color **EB5230** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **30C9EB**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF8A61**, and **AB0F00** is the 20% darker color. If you saturate the color by 10%, you get **EB3F18**, and if you desaturate by 10%, it is **EB6547**.

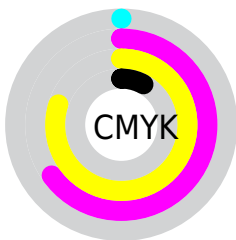
# Distribution



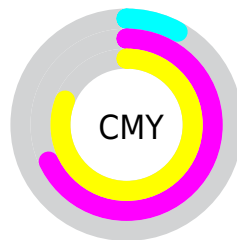
- Red (92%)
- Green (32%)
- Blue (19%)



- Red (92%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (8%)



- Cyan (8%)
- Magenta (68%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB5230 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 EB5230 by changing the saturation by 10% instead.



 EB5230

 EB5230

FFFFFF

 CB3518

 FF8A61

 AB0F00

 FFA67A

 8C0000

 FFC395

 6C0000

 FFE0B0

 4E0000

 FFFDCC

 320002

 FFFFEE

 000000

 EB5230

 EB5230

 EB3F18

 EB6547

 EB2C01

 EB785F

 EB2B00

 EB8C76

 EB9F8E

 EBB2A5

 EBC5BD

 EBD9D4

 EBCECE

 EBFFFF

# Harmonies

## Analogous

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



FA3470



EB5230



C37300

# Triad

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



EB5230



00A159



0086FF

# Complementary

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



EB5230



30C9EB

# 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.



0099FF



EB5230



00A39F

# Square

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



EB5230



3B9A05



00A2DD



A767EB

# Rectangle

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



EB5230



9F8500



00A2DD



008EFF



# Sweetspot

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



EB5230



FFCDC2



EB30CC



80615B



000000



808080



# Same Dimension

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



EB5230



FF390D



EBAD30



756C6A



B52100



360A00

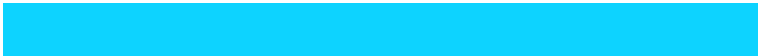


# Inverse Universe

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



30C9EB



0DD3FF



306EEB



6A7375



0094B5

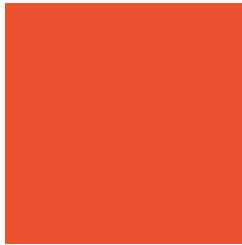


002C36



# Previews

## White Background



This preview shows how the Hex color EB5230 looks on a white background.

## Color Contrast Check

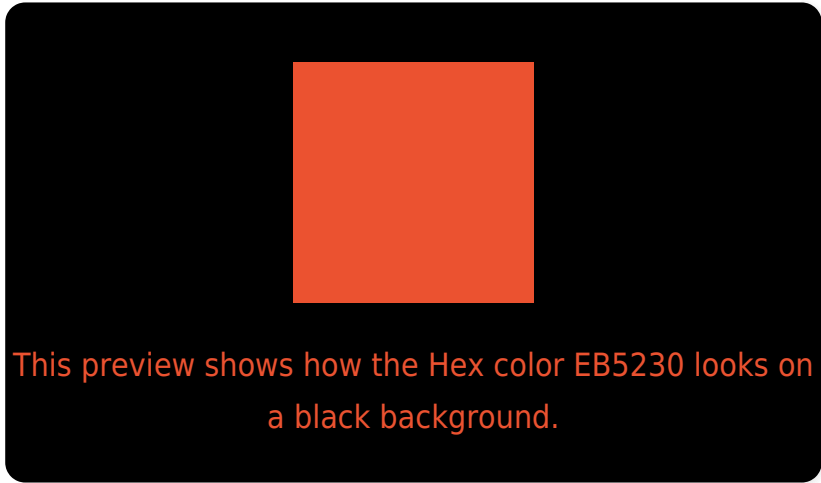
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB5230 Background



This preview shows how black text looks on a background with the Hex color EB5230.



This preview shows how white text looks on a background with the Hex color EB5230.

# 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





# Trichromacy



**Original Color**  
EB5230

**Protanomaly**  
B4743A

**Deuteranomaly**  
C16F28

**Tritanomaly**  
EC4F46

# Monochromacy



**Original Color**  
EB5230

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
A46D60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB5230 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 #EB5230 looks like.

```
.text, #text, p{  
    color:#EB5230  
}
```

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 #EB5230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5230
}
```

## Border

The CSS property to change the border of an element to Hex EB5230 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
#EB5230 }
```

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

```
.border{ border-color:#EB5230 }
```

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

Here you see how a box with a 4 pixel #EB5230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5230; -webkit-box-shadow:4px 4px  
4px 4px #EB5230; box-shadow:4px 4px 4px  
4px #EB5230 }
```

# Background

The CSS property to change the background color of an element to Hex EB5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5230 }
```

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

```
.background{ background-color:#EB5230 }
```

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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