

# Converting Colors

Hex(EA5028)

Have a look what the booklet for  
Hex(EA5028) contains.

<b>Hex(EA5028)</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(EA5028)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA5028
RGB	234, 80, 40
RGB Percent	92%, 31%, 16%
CMY	0.0824, 0.6863, 0.8431
CMYK	0.00, 0.66, 0.83, 0.08
HSL	12°, 82%, 54%
HSV	12°, 83%, 92%
XYZ	37.1833, 23.3829, 4.5611
YIQ	121.4860, 104.6240, 20.2080

# Conversions

## Conversions Part 2

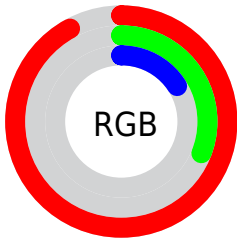
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 90, 40
Decimal	15355944
CIE Lab	55.46, 57.65, 53.76
CIE LCh	55, 78.822, 42.999
Yxy	23.3829, 0.5709, 0.3590
Android (android.graphics.Color)	4293546024 (0xFFEA5028)
YUV	121.4860, -40.1726, 98.6748
Hunter-Lab	48.3559, 52.6350, 28.2567

# Details

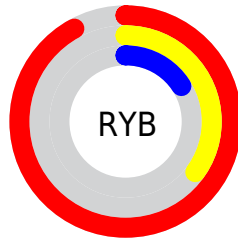
The Hex color **EA5028** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **28C2EA**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8859**, and **AA0B00** is the 20% darker color. If you saturate the color by 10%, you get **EA3D11**, and if you desaturate by 10%, it is **EA633F**.

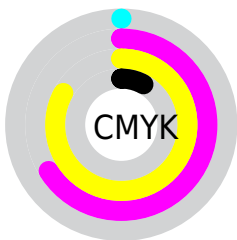
# Distribution



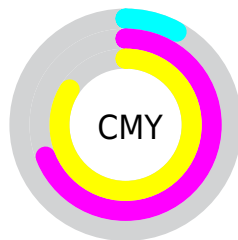
- Red (92%)
- Green (31%)
- Blue (16%)



- Red (92%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (66%)
- Yellow (83%)
- Black (8%)



- Cyan (8%)
- Magenta (69%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA5028 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 EA5028 by changing the saturation by 10% instead.



 EA5028

 EA5028

FFFFFFF

 CA330E

 FF8859

 AA0B00

 FFA473

 8A0000

 FFC18D

 6B0000

 FFDEA8

 4D0001

 FFFBC4

 310002

 FFFFEO

 000000

 FFFFFD

 EA5028

 EA5028

 EA3D11

 EA633F

 EA3000

 EA7557

 EA886E

 EA9A86

 EAAD9D

 EABFB4

 EAD2CC

 EAE5E3

 EAF7FB

# Harmonies

## Analogous

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



FB2C6A



EA5028



C07300

# Triad

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



EA5028



00A05A



0084FF

# Complementary

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



EA5028



28C2EA

# 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.



0098FF



EA5028



00A2A2

# Square

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



EA5028



2D9900



00A1E1



AB62EA

# Rectangle

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



EA5028



9B8400



00A1E1



008CFF



# Sweetspot

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



EA5028



FFCCBF



EA28C3



806159



000000



808080



# Same Dimension

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



EA5028



FF3703



EAB028



756C6A



B52500



360B00

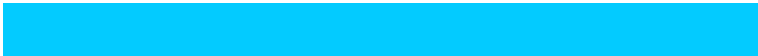


# Inverse Universe

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



28C2EA



03CBFF



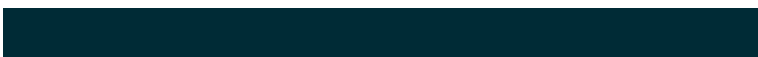
2862EA



6A7375



0090B5



002B36



# Previews

## White Background



This preview shows how the Hex color EA5028 looks on a white background.

## Color Contrast Check

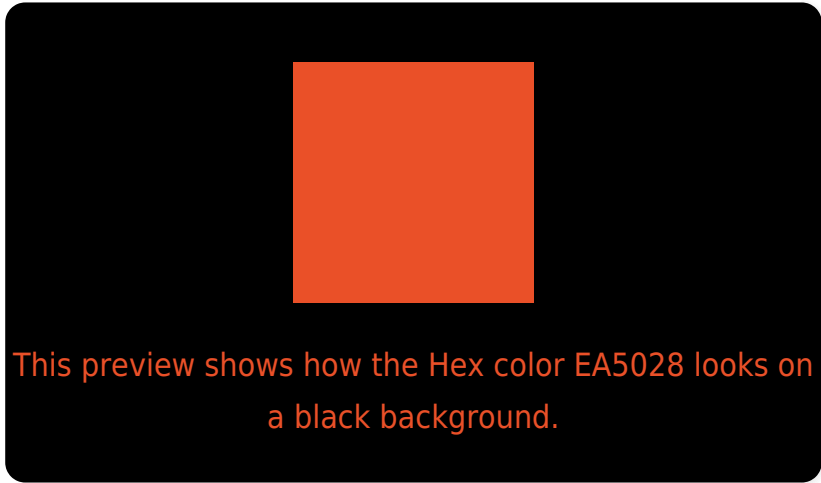
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA5028 Background



This preview shows how black text looks on a background with the Hex color EA5028.

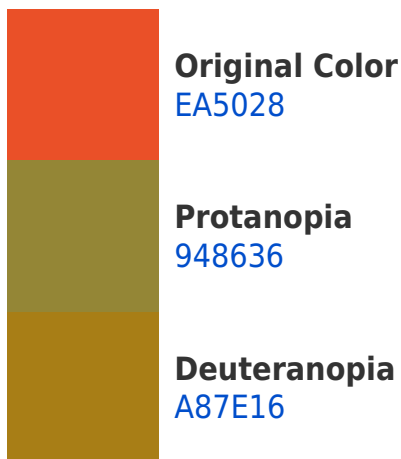


This preview shows how white text looks on a background with the Hex color EA5028.

# 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





**Tritanopia**  
EB4C50

# Trichromacy



**Original Color**  
EA5028

**Protanomaly**  
B37231

**Deuteranomaly**  
C06D1D

**Tritanomaly**  
EB4D41

# Monochromacy



**Original Color**  
EA5028

**Achromatopsia**  
797979

**Achromatomaly**  
A26A5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA5028 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 #EA5028 looks like.

```
.text, #text, p{  
    color:#EA5028  
}
```

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 #EA5028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA5028
}
```

## Border

The CSS property to change the border of an element to Hex EA5028 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
#EA5028 }
```

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

```
.border{ border-color:#EA5028 }
```

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

Here you see how a box with a 4 pixel #EA5028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA5028; -webkit-box-shadow:4px 4px  
4px 4px #EA5028; box-shadow:4px 4px 4px  
4px #EA5028 }
```

# Background

The CSS property to change the background color of an element to Hex EA5028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA5028 }
```

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

```
.background{ background-color:#EA5028 }
```

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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