

# Converting Colors

Hex(EC320F)

Have a look what the booklet for  
Hex(EC320F) contains.

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# Color

Hex(EC320F)

# Conversions

## Conversions Part 1

Format	Color
Hex	EC320F
RGB	236, 50, 15
RGB Percent	93%, 20%, 6%
CMY	0.0745, 0.8039, 0.9412
CMYK	0.00, 0.79, 0.94, 0.07
HSL	10°, 88%, 49%
HSV	10°, 94%, 93%
XYZ	35.8189, 20.1486, 2.4531
YIQ	101.6240, 122.0910, 28.5470

# Conversions

## Conversions Part 2

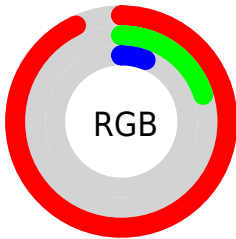
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 57, 15
Decimal	15479311
CIE Lab	52.00, 68.03, 60.76
CIE LCh	52, 91.216, 41.770
Yxy	20.1486, 0.6131, 0.3449
Android (android.graphics.Color)	4293669391 (0xFFEC320F)
YUV	101.6240, -42.7056, 117.8478
Hunter-Lab	44.8871, 63.8863, 28.1807

# Details

The Hex color **EC320F** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **0FC9EC**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF7144**, and **AA0000** is the 20% darker color. If you saturate the color by 10%, you get **EC2500**, and if you desaturate by 10%, it is **EC4627**.

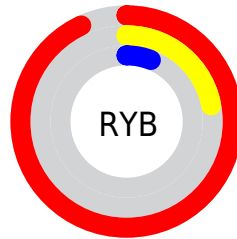
# Distribution



Red (93%)

Green (20%)

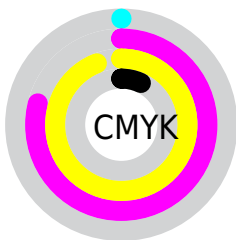
Blue (6%)



Red (93%)

Yellow (22%)

Blue (6%)

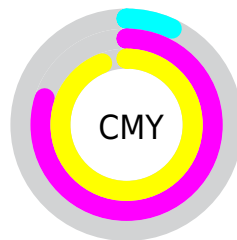


Cyan (0%)

Magenta (79%)

Yellow (94%)

Black (7%)



Cyan (7%)

Magenta (80%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC320F 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 EC320F by changing the saturation by 10% instead.



 EC320F

 EC320F

FFFFFF

 CB0000

 FF7144

 AA0000

 FF8E5D

 8A0000

 FFAB77

 6A0000

 FFC891

 4C0003

 FFE6AD

 2D0002

 FFFFC8

 000000

 FFFF E5

 EC320F

 EC320F

 EC2500

 EC4627

 EC5A3E

 EC6E56

 EC816D

 EC9585

 ECA99D

 ECBDB4

 ECD1CC

 ECE5E3

# Harmonies

## Analogous

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



FF0061



EC320F



BD6600

# Triad

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



EC320F



009947



007DFF

# Complementary

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



EC320F



0FC9EC

# 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.



0092FF



EC320F



009B9A

# Square

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



EC320F



009200



009BE4



A053F3

# Rectangle

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



EC320F



937B00



009BE4



0086FF



# Sweetspot

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



EC320F



FFC3B8



EC0FCB



805B54



000000



808080



# Same Dimension

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



EC320F



FF2800



EC9F0F



756B6A



B51D00



360800



# Inverse Universe

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



0FC9EC



00D7FF



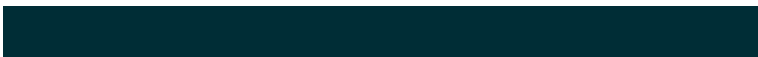
0F5CEC



6A7375



0098B5



002D36



# Previews

## White Background



This preview shows how the Hex color EC320F looks on a white background.

## Color Contrast Check

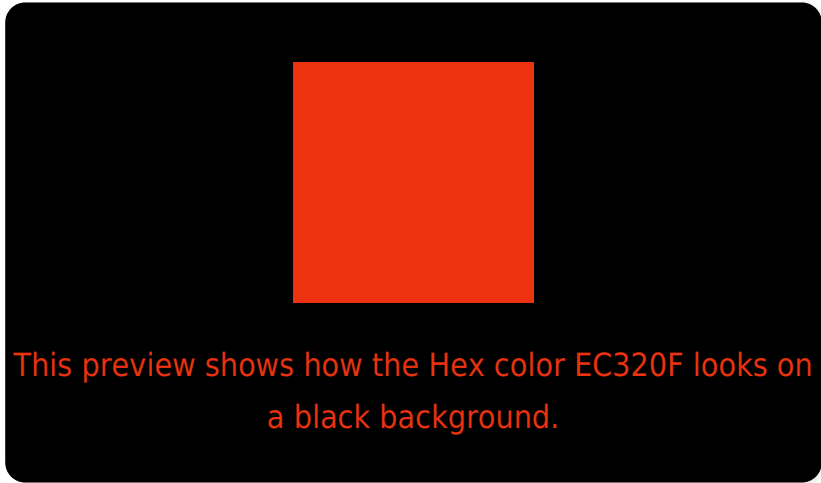
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC320F Background



This preview shows how black text looks on a background with the Hex color EC320F.



This preview shows how white text looks on a background with the Hex color EC320F.

# 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



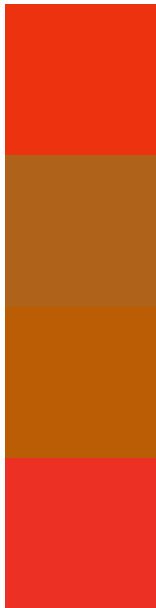
**Original Color**  
EC320F

**Protanopia**  
8C7D21

**Deuteranopia**  
9D7600



# Trichromacy



**Original Color**  
EC320F

**Protanomaly**  
AF621A

**Deuteranomaly**  
BA5D05

**Tritanomaly**  
EC3023

# Monochromacy



**Original Color**  
EC320F

**Achromatopsia**  
666666

**Achromatomaly**  
975346

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC320F 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 #EC320F looks like.

```
.text, #text, p{  
    color:#EC320F  
}
```

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 #EC320F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC320F
}
```

## Border

The CSS property to change the border of an element to Hex EC320F is called "border". The border property can be set on classes, ids or directly on the HTML element.

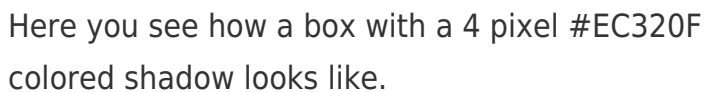
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC320F }
```

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

```
.border{ border-color:#EC320F }
```

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



Here you see how a box with a 4 pixel `#EC320F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC320F; -webkit-box-shadow:4px 4px  
4px 4px #EC320F; box-shadow:4px 4px 4px  
4px #EC320F }
```

# Background

The CSS property to change the background color of an element to Hex EC320F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC320F }
```

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

```
.background{ background-color:#EC320F }
```

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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