

Converting Colors

Hex(EC1100)

Have a look what the booklet for
Hex(EC1100) contains.

Hex(EC1100)	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(EC1100)

Conversions

Conversions Part 1

Format	Color
Hex	EC1100
RGB	236, 17, 0
RGB Percent	93%, 7%, 0%
CMY	0.0745, 0.9333, 1.0000
CMYK	0.00, 0.93, 1.00, 0.07
HSL	4°, 100%, 46%
HSV	4°, 100%, 93%
XYZ	34.7925, 18.2338, 1.6857
YIQ	80.5430, 135.9810, 41.1410

Conversions

Conversions Part 2

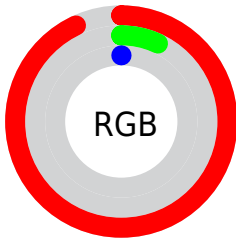
Format	Color
RYB	236, 18, 0
Decimal	15470848
CIELab	49.78, 74.15, 63.56
CIElCh	50, 97.662, 40.606
Yxy	18.2338, 0.6359, 0.3333
Android (android.graphics.Color)	4293660928 (0xFFEC1100)
YUV	80.5430, -39.7077, 136.3358
Hunter-Lab	42.7010, 70.7139, 27.5501

Details

The Hex color **EC1100** 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 **00DBEC**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF6039**, and **A90000** is the 20% darker color. If you saturate the color by 10%, you get **EC1100**, and if you desaturate by 10%, it is **EC2718**.

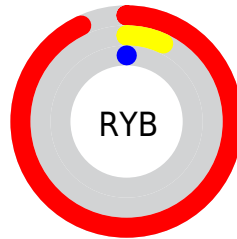
Distribution



Red (93%)

Green (7%)

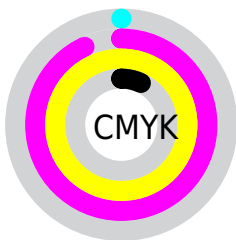
Blue (0%)



Red (93%)

Yellow (7%)

Blue (0%)

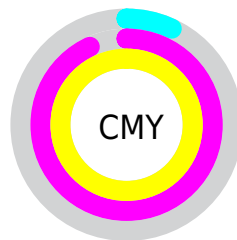


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC1100 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 EC1100 by changing the saturation by 10% instead.

 EC1100

 EC1100

 FFFFFFF6

 CB0000

 FF6039

 A90000

 FF7F52

 890000

 FF9C6C

 680001

 FFBA86

 4B0004

 FFD8A1

 2B0001

 FFF6BD

 000000

 FFFFD9

 EC1100

 EC2718

 EC3D2F

 EC5347

 EC695E

 EC7E76

 EC948E

 ECAAA5

 ECC0BD

 ECD6D4

Harmonies

Analogous

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



FF005E



EC1100



BB5D00

Triad

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



EC1100



00933A



0079FF

Complementary

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



EC1100



00DBEC

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.



008FFF



EC1100



009693

Square

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



EC1100



008C00



0096E2



954BF7

Rectangle

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



EC1100



8F7400



0096E2



0083FF

Sweetspot

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



EC1100



FFB8B3



EC00DC



805552



000000



808080

Same Dimension

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



EC1100



FF1200



EC8600



756A6A



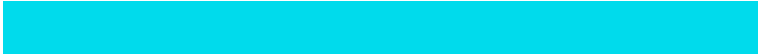
B50D00



360400

Inverse Universe

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



00DBEC



00EDFF



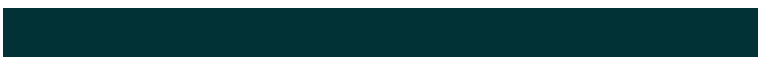
0066EC



6A7475



00A8B5



003236

Previews

White Background



This preview shows how the Hex color EC1100 looks on a white background.

Color Contrast Check

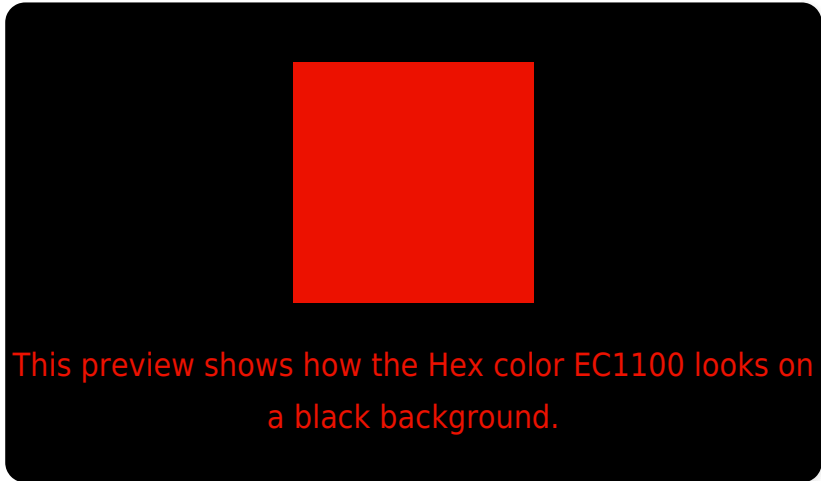
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 EC1100 Background



This preview shows how black text looks on a background with the Hex color EC1100.

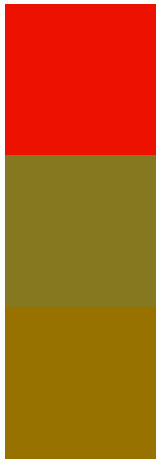


This preview shows how white text looks on a background with the Hex color EC1100.

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
EC1100

Protanopia
86781E

Deuteranopia
977200



Tritanopia
EB1500

Trichromacy



Original Color
EC1100



Protanomaly
AB5313



Deuteranomaly
B64F00



Tritanomaly
EB1400

Monochromacy



Original Color
EC1100



Achromatopsia
515151



Achromatomaly
893A34

CSS Examples

Text

The CSS property to change the color of the text to Hex EC1100 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 #EC1100 looks like.

```
.text, #text, p{  
    color:#EC1100  
}
```

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 #EC1100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC1100
}
```

Border

The CSS property to change the border of an element to Hex EC1100 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".

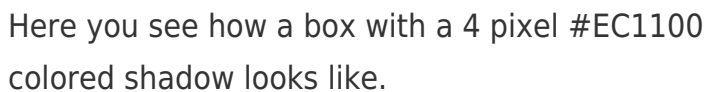
```
.border, #border, table{ border:4px solid
#EC1100 }
```

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

```
.border{ border-color:#EC1100 }
```

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

Here you see how a box with a 4 pixel #EC1100 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC1100; -webkit-box-shadow:4px 4px  
4px 4px #EC1100; box-shadow:4px 4px 4px  
4px #EC1100 }
```

Background

The CSS property to change the background color of an element to Hex EC1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC1100 }
```

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

```
.background{ background-color:#EC1100 }
```

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