

# Converting Colors

Hex(EC1613)

Have a look what the booklet for  
Hex(EC1613) contains.

<b>Hex(EC1613)</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(EC1613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC1613
RGB	236, 22, 19
RGB Percent	93%, 9%, 7%
CMY	0.0745, 0.9137, 0.9255
CMYK	0.00, 0.91, 0.92, 0.07
HSL	1°, 85%, 50%
HSV	1°, 92%, 93%
XYZ	34.9965, 18.4537, 2.3335
YIQ	85.6440, 128.5070, 44.4350

# Conversions

## Conversions Part 2

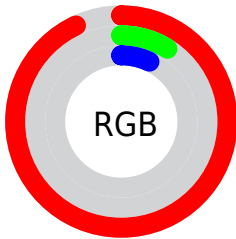
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 22, 19
Decimal	15472147
CIE Lab	50.04, 73.71, 58.31
CIE LCh	50, 93.984, 38.348
Yxy	18.4537, 0.6274, 0.3308
Android (android.graphics.Color)	4293662227 (0xFFEC1613)
YUV	85.6440, -32.8555, 131.8622
Hunter-Lab	42.9578, 70.2430, 26.8498

# Details

The Hex color **EC1613** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **13E9EC**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6245**, and **AA0000** is the 20% darker color. If you saturate the color by 10%, you get **EC0300**, and if you desaturate by 10%, it is **EC2D2B**.

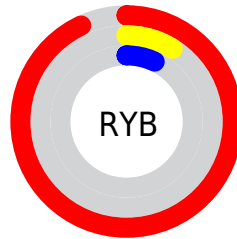
# Distribution



Red (93%)

Green (9%)

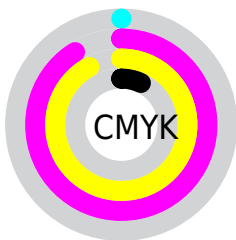
Blue (7%)



Red (93%)

Yellow (9%)

Blue (7%)

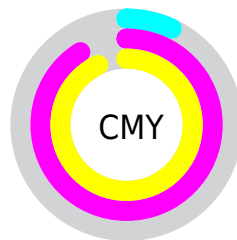


Cyan (0%)

Magenta (91%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (91%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC1613 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 EC1613 by changing the saturation by 10% instead.



 EC1613

 EC1613

FFFFFF

 CB0000

 FF6245

 AA0000

 FF805E

 890000

 FF9E77

 690001

 FFBC92

 4C0004

 FFDAAD

 2B0001

 FFF8C8

 000000

 FFFF E5

 EC1613

 EC1613

 EC0300

 EC2D2B

 EC4542

 EC5C5A

 EC7371

 EC8A89

 ECA2A1

 ECB9B8

 ECD0D0

 ECE7E7

# Harmonies

## Analogous

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



FC0065



EC1613



BF5C00

# Triad

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



EC1613



009336



007CFF

# Complementary

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



EC1613



13E9EC

# 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.



0090FF



EC1613



00968C

# Square

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



EC1613



008C00



0096DA



8C53F7

# Rectangle

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



EC1613



957300



0096DA



0084FF



# Sweetspot

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



EC1613



FFB9B8



EC13EC



805554



000000



808080



# Same Dimension

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



EC1613



FF0400



EC7F13



756A6A



B50300



360100



# Inverse Universe

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



13E9EC



00FBFF



137FEC



6A7575



00B3B5



003536



# Previews

## White Background



This preview shows how the Hex color EC1613 looks on a white background.

## Color Contrast Check

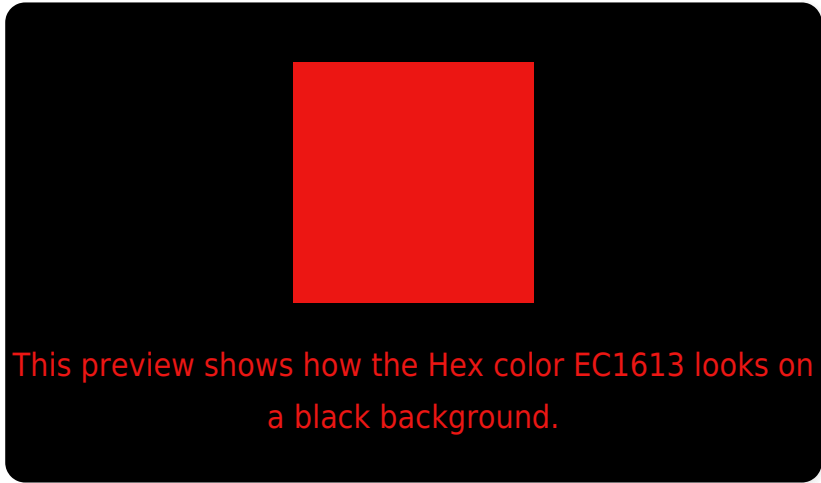
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC1613 Background



This preview shows how black text looks on a background with the Hex color EC1613.



This preview shows how white text looks on a background with the Hex color EC1613.

# 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**  
EC1613

**Protanopia**  
867827

**Deuteranopia**  
977200



# Trichromacy



**Original Color**  
EC1613

**Protanomaly**  
AB5420

**Deuteranomaly**  
B65107

**Tritanomaly**  
EC170F

# Monochromacy



**Original Color**  
EC1613

**Achromatopsia**  
565656

**Achromatomaly**  
8D3F3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC1613 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 #EC1613 looks like.

```
.text, #text, p{  
    color:#EC1613  
}
```

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 #EC1613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC1613
}
```

## Border

The CSS property to change the border of an element to Hex EC1613 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".

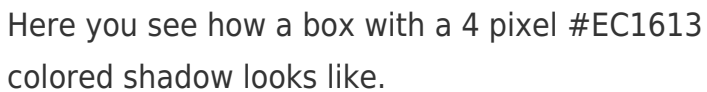
```
.border, #border, table{ border:4px solid
#EC1613 }
```

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

```
.border{ border-color:#EC1613 }
```

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

Here you see how a box with a 4 pixel #EC1613 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC1613; -webkit-box-shadow:4px 4px  
4px 4px #EC1613; box-shadow:4px 4px 4px  
4px #EC1613 }
```

# Background

The CSS property to change the background color of an element to Hex EC1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC1613 }
```

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

```
.background{ background-color:#EC1613 }
```

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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