

# Converting Colors

Hex(EA0618)

Have a look what the booklet for  
Hex(EA0618) contains.

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**Color**

**Hex(EA0618)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA0618
RGB	234, 6, 24
RGB Percent	92%, 2%, 9%
CMY	0.0824, 0.9765, 0.9059
CMYK	0.00, 0.97, 0.90, 0.08
HSL	355°, 95%, 47%
HSV	355°, 97%, 92%
XYZ	34.1617, 17.6886, 2.4779
YIQ	76.2240, 130.1100, 53.9340

# Conversions

## Conversions Part 2

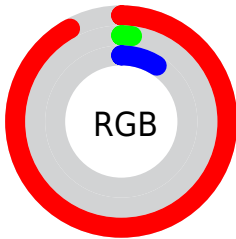
<b>Format</b>	<b>Color</b>
<b>RYB</b>	234, 6, 24
Decimal	15336984
CIELab	49.12, 74.82, 55.59
CIELCh	49, 93.216, 36.612
Yxy	17.6886, 0.6288, 0.3256
Android (android.graphics.Color)	4293527064 (0xFFEA0618)
YUV	76.2240, -25.7464, 138.3696
Hunter-Lab	42.0578, 71.3862, 25.9474

# Details

The Hex color **EA0618** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **06EAD8**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5D48**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **EA0012**, and if you desaturate by 10%, it is **EA1D2E**.

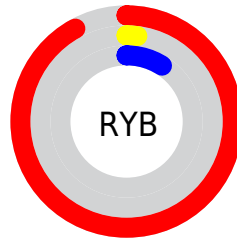
# Distribution



Red (92%)

Green (2%)

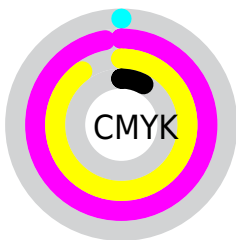
Blue (9%)



Red (92%)

Yellow (2%)

Blue (9%)

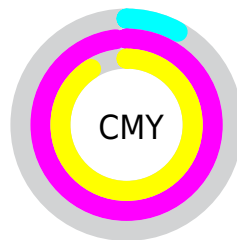


Cyan (0%)

Magenta (97%)

Yellow (90%)

Black (8%)



Cyan (8%)

Magenta (98%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA0618 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 EA0618 by changing the saturation by 10% instead.



 EA0618

 EA0618

FFFFFF

 C90000

 FF5D48

 A80000

 FF7C61

 870000

 FF9A7A

 670002

 FFB895

 4A0004

 FFD6B0

 290001

 FFF4CC

 000000

 FFFF8

 EA0618

 EA0618

EA0012

EA1D2E

EA3543

EA4C59

EA646E

EA7B84

EA9299

EAAAAF

EAC1C4

EAD9DA

# Harmonies

## Analogous

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



F80067



EA0618



BF5700

# Triad

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



EA0618



00902F



007BFF

# Complementary

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



EA0618



06EAD8

# 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.



008EFF



EA0618



009385

# Square

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



EA0618



118800



0094D3



8154F6

# Rectangle

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



EA0618



966F00



0094D3



0083FF



# Sweetspot

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



EA0618



FFB5BB



D706EA



805356



000000



808080



# Same Dimension

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



EA0618



FF0014



EA6506



756A6A



B5000E



360004



# Inverse Universe

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



EA0618



FF0014



068BEA



756A6A



B5000E



360004



# Previews

## White Background



This preview shows how the Hex color EA0618 looks on a white background.

## Color Contrast Check

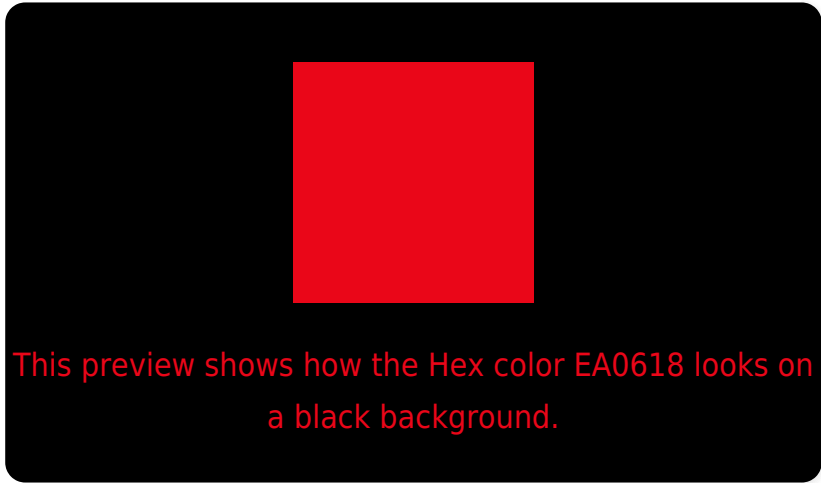
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA0618 Background



This preview shows how black text looks on a background with the Hex color EA0618.



This preview shows how white text looks on a background with the Hex color EA0618.

# 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**  
EA0618

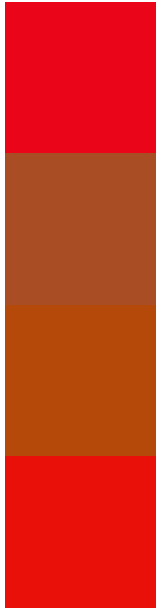
**Protanopia**  
84762D

**Deuteranopia**  
957000



**Tritanopia**  
E91500

# Trichromacy



**Original Color**  
EA0618

**Protanomaly**  
A94D25

**Deuteranomaly**  
B44909

**Tritanomaly**  
E91009

# Monochromacy



**Original Color**  
EA0618

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
853339

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA0618 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 #EA0618 looks like.

```
.text, #text, p{  
    color:#EA0618  
}
```

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 #EA0618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA0618 }  
}
```

## Border

The CSS property to change the border of an element to Hex EA0618 is called "border". The border property can be set on classes, ids or directly on the HTML element.

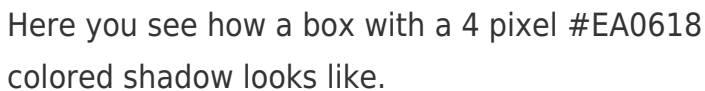
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #EA0618 }  
}
```

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

```
.border{ border-color:#EA0618 }
```

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



Here you see how a box with a 4 pixel #EA0618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA0618; -webkit-box-shadow:4px 4px  
4px 4px #EA0618; box-shadow:4px 4px 4px  
4px #EA0618 }
```

# Background

The CSS property to change the background color of an element to Hex EA0618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA0618 }
```

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

```
.background{ background-color:#EA0618 }
```

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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