

Converting Colors

Hex(EC0A23)

Have a look what the booklet for
Hex(EC0A23) contains.

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Color

Hex(**EC0A23**)

Conversions

Conversions Part 1

Format	Color
Hex	EC0A23
RGB	236, 10, 35
RGB Percent	93%, 4%, 14%
CMY	0.0745, 0.9608, 0.8627
CMYK	0.00, 0.96, 0.85, 0.07
HSL	353°, 92%, 48%
HSV	353°, 96%, 93%
XYZ	35.0040, 18.1713, 3.2526
YIQ	80.4240, 126.6710, 55.6870

Conversions

Conversions Part 2

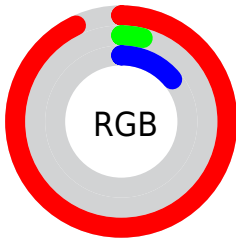
Format	Color
R _Y B	236, 10, 35
Decimal	15469091
CIE Lab	49.70, 75.19, 51.22
CIE LCh	50, 90.983, 34.265
Yxy	18.1713, 0.6203, 0.3220
Android (android.graphics.Color)	4293659171 (0xFFEC0A23)
YUV	80.4240, -22.3940, 136.4402
Hunter-Lab	42.6278, 71.9773, 25.3155

Details

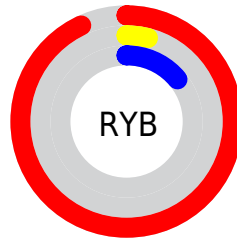
The Hex color **EC0A23** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **0AECD3**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5F52**, and **AA0000** is the 20% darker color. If you saturate the color by 10%, you get **EC001A**, and if you desaturate by 10%, it is **EC2238**.

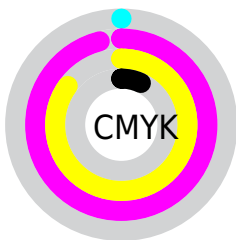
Distribution



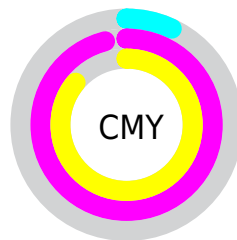
- Red (93%)
- Green (4%)
- Blue (14%)



- Red (93%)
- Yellow (4%)
- Blue (14%)



- Cyan (0%)
- Magenta (96%)
- Yellow (85%)
- Black (7%)



- Cyan (7%)
- Magenta (96%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC0A23 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 EC0A23 by changing the saturation by 10% instead.

 EC0A23

 EC0A23

FFFFFF

 CB000C

 FF5F52

 AA0000

 FF7E6B

 890000

 FF9C84

 690002

 FFB99F

 4C0004

 FFD7BA

 2B0001

 FFF6D6

 000000

 FFFFF3

 EC0A23

 EC0A23

 EC001A

 EC2238

 EC394D

 EC5162

 EC6877

 EC808C

 EC98A1

 ECAFB6

 ECC7CB

 ECDEE0

Harmonies

Analogous

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



F7006F



EC0A23



C35600

Triad

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



EC0A23



00912B



007EFF

Complementary

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



EC0A23



0AECD3

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



EC0A23



009480

Square

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



EC0A23



2B8900



0095CD



785AF8

Rectangle

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



EC0A23



9D6E00



0095CD



0086FF

Sweetspot

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



EC0A23



FFB5BD



D20AEC



805358



000000



808080

Same Dimension

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



EC0A23



FF001C



EC610A



756A6B



B50014



360006

Inverse Universe

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



EC0A23



FF001C



0A95EC



756A6B



B50014



360006

Previews

White Background



This preview shows how the Hex color EC0A23 looks on a white background.

Color Contrast Check

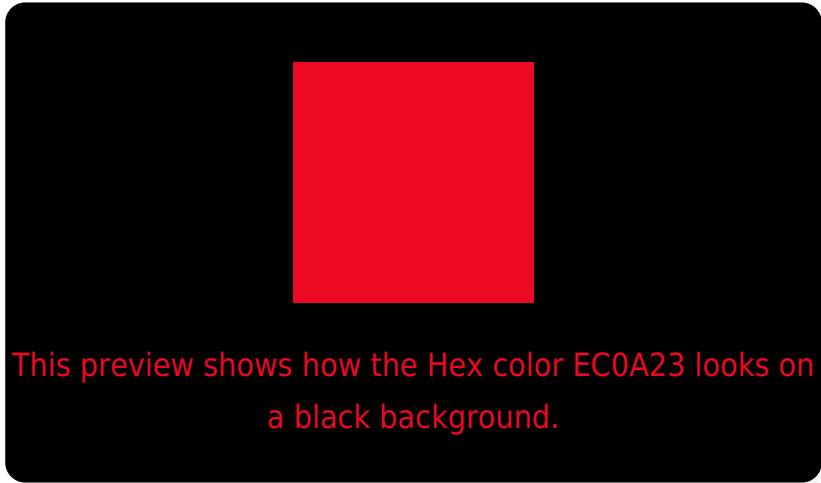
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC0A23 Background



This preview shows how black text looks on a background with the Hex color EC0A23.



This preview shows how white text looks on a background with the Hex color EC0A23.

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
EC0A23

Protanopia
847839

Deuteranopia
977100



Tritanopia
EB1500

Trichromacy



Original Color
EC0A23



Protanomaly
AA5031



Deuteranomaly
B64C0D



Tritanomaly
EB110D

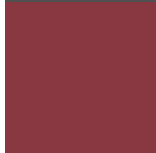
Monochromacy



Original Color
EC0A23



Achromatopsia
505050



Achromatomaly
893740

CSS Examples

Text

The CSS property to change the color of the text to Hex EC0A23 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 #EC0A23 looks like.

```
.text, #text, p{  
    color:#EC0A23  
}
```

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 #EC0A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC0A23
}
```

Border

The CSS property to change the border of an element to Hex EC0A23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

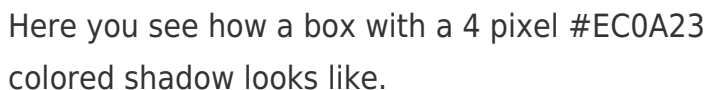
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC0A23 }
```

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

```
.border{ border-color:#EC0A23 }
```

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



Here you see how a box with a 4 pixel `#EC0A23` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC0A23; -webkit-box-shadow:4px 4px  
4px 4px #EC0A23; box-shadow:4px 4px 4px  
4px #EC0A23 }
```

Background

The CSS property to change the background color of an element to Hex EC0A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC0A23 }
```

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

```
.background{ background-color:#EC0A23 }
```

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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