

# Converting Colors

Hex(EC5162)

Have a look what the booklet for  
Hex(EC5162) contains.

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# Color

**Hex(EC5162)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC5162
RGB	236, 81, 98
RGB Percent	93%, 32%, 38%
CMY	0.0745, 0.6824, 0.6157
CMYK	0.00, 0.66, 0.58, 0.07
HSL	353°, 80%, 62%
HSV	353°, 66%, 93%
XYZ	39.7391, 24.5996, 14.2090
YIQ	129.2830, 86.9230, 38.1470

# Conversions

## Conversions Part 2

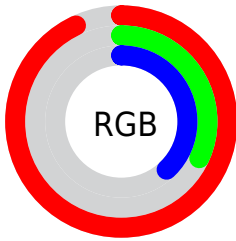
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 81, 98
Decimal	15487330
CIE Lab	56.68, 60.59, 23.87
CIE LCh	57, 65.121, 21.504
Yxy	24.5996, 0.5059, 0.3132
Android (android.graphics.Color)	4293677410 (0xFFEC5162)
YUV	129.2830, -15.4225, 93.5908
Hunter-Lab	49.5980, 56.2222, 17.7330

# Details

The Hex color **EC5162** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **51ECDB**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8A95**, and **AE0734** is the 20% darker color. If you saturate the color by 10%, you get **EC394D**, and if you desaturate by 10%, it is **EC6977**.

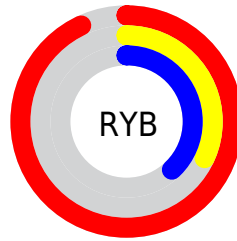
# Distribution



Red (93%)

Green (32%)

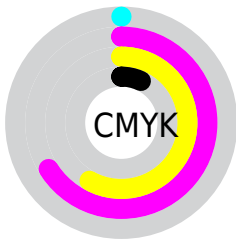
Blue (38%)



Red (93%)

Yellow (32%)

Blue (38%)

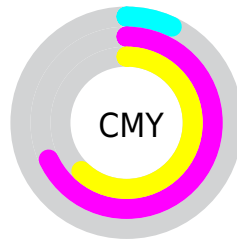


Cyan (0%)

Magenta (66%)

Yellow (58%)

Black (7%)



Cyan (7%)

Magenta (68%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC5162 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 EC5162 by changing the saturation by 10% instead.



 EC5162

 EC5162

FFFFFF

 CD334A

 FF8A95

 AE0734

 FFA6AF

 8F001F

 FFC3CB

 710008

 FFE0E7

 530001

FFFEFF

 370002

 080000

 000000

 EC5162

 EC5162

 EC394D

 EC6977

 EC2238

 EC808C

 EC0A23

 EC98A1

 EC001A

 ECAFB6

 ECC7CB

 ECDFE0

 ECF6F5

 ECFFFF

# Harmonies

## Analogous

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



E54F9B



EC5162



D8682E

# Triad

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



EC5162



2C9C3C



0093F9

# Complementary

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



EC5162



51ECDB

# 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.



009EE0



EC5162



00A175

# Square

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



EC5162



7C9100



00A2B0



6580F2

# Rectangle

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



EC5162



BF7808



00A2B0



0098F4



# Sweetspot

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



EC5162



FFCCD2



DA51EC



806164



000000



808080



# Same Dimension

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



EC5162



FF364C



EC8C51



756A6B



B50014



360006



# Inverse Universe

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



EC5162



FF364C



51B1EC



756A6B



B50014



360006



# Previews

## White Background



This preview shows how the Hex color EC5162 looks on a white background.

## Color Contrast Check

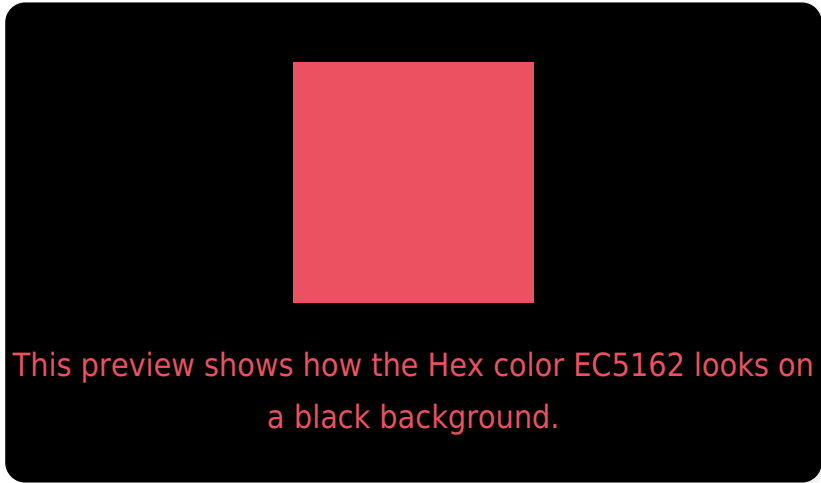
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC5162 Background



This preview shows how black text looks on a background with the Hex color EC5162.



This preview shows how white text looks on a background with the Hex color EC5162.

# 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



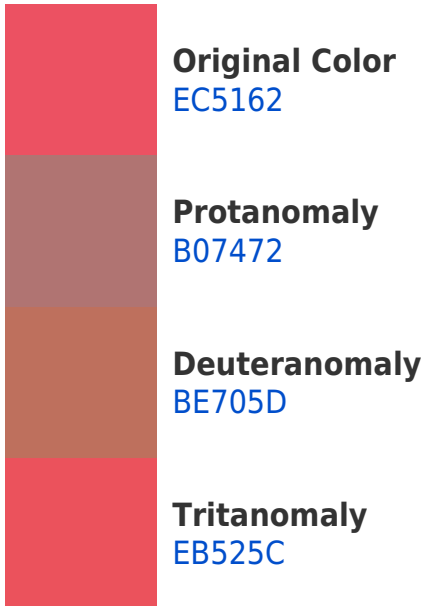
**Original Color**  
EC5162

**Protanopia**  
8E887B

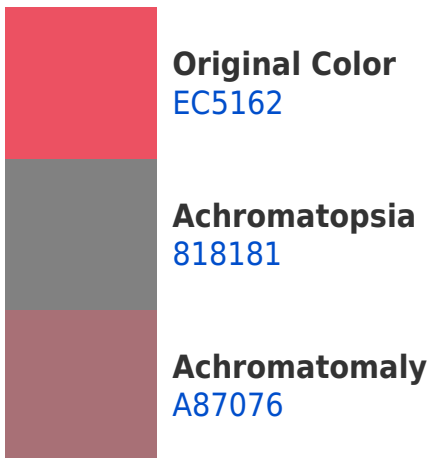
**Deuteranopia**  
A4825A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC5162 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 #EC5162 looks like.

```
.text, #text, p{  
    color:#EC5162  
}
```

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 #EC5162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC5162
}
```

## Border

The CSS property to change the border of an element to Hex EC5162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

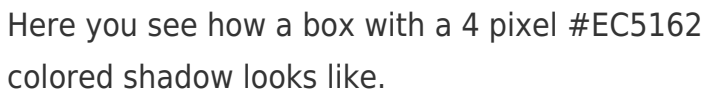
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC5162 }
```

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

```
.border{ border-color:#EC5162 }
```

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



Here you see how a box with a 4 pixel #EC5162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC5162; -webkit-box-shadow:4px 4px  
4px 4px #EC5162; box-shadow:4px 4px 4px  
4px #EC5162 }
```

# Background

The CSS property to change the background color of an element to Hex EC5162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC5162 }
```

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

```
.background{ background-color:#EC5162 }
```

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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