

Converting Colors

Hex(EC5471)

Have a look what the booklet for
Hex(EC5471) contains.

Hex(EC5471)	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(EC5471)

Conversions

Conversions Part 1

Format	Color
Hex	EC5471
RGB	236, 84, 113
RGB Percent	93%, 33%, 44%
CMY	0.0745, 0.6706, 0.5569
CMYK	0.00, 0.64, 0.52, 0.07
HSL	349°, 80%, 63%
HSV	349°, 64%, 93%
XYZ	40.7430, 25.3658, 18.3715
YIQ	132.7540, 81.2830, 41.2430

Conversions

Conversions Part 2

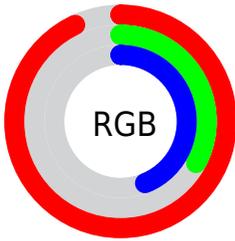
Format	Color
R _Y B	236, 84, 113
Decimal	15488113
CIE Lab	57.43, 60.49, 16.09
CIE LCh	57, 62.594, 14.893
Yxy	25.3658, 0.4823, 0.3003
Android (android.graphics.Color)	4293678193 (0xFFEC5471)
YUV	132.7540, -9.7387, 90.5467
Hunter-Lab	50.3644, 56.2623, 13.6279

Details

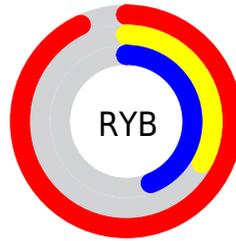
The Hex color **EC5471** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **54ECCF**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF8DA5**, and **AE0F42** is the 20% darker color. If you saturate the color by 10%, you get **EC3C5E**, and if you desaturate by 10%, it is **EC6C84**.

Distribution



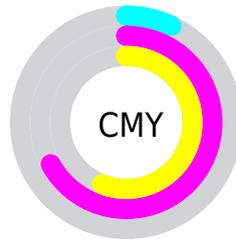
- Red (93%)
- Green (33%)
- Blue (44%)



- Red (93%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (64%)
- Yellow (52%)
- Black (7%)



- Cyan (7%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC5471 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 EC5471 by changing the saturation by 10% instead.

 EC5471

 EC5471

FFFFFF

 CD3659

 FF8DA5

 AE0F42

 FFA9C0

 90002C

 FFC6DB

 720018

 FFE3F8

 550000

 390002

 100000

 000000

 EC5471

 EC5471

 EC3C5E

 EC6C84

 EC254B

 EC8397

 EC0D38

 EC9BAA

 EC002D

 ECB2BD

 ECCAD0

 ECE2E4

 ECF9F7

 ECFFFF

Harmonies

Analogous

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



DE58A8



EC5471



DE663E

Triad

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



EC5471



4B9C36



0098F4

Complementary

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



EC5471



54ECCF

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.



00A1D6



EC5471



00A26B

Square

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



EC5471



8B9004



00A3A4



4C87F4

Rectangle

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



EC5471



C97620



00A3A4



009CED

Sweetspot

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



EC5471



FFCFD8



CE54EC



806268



000000



808080

Same Dimension

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



EC5471



FF3B60



EC8254



756A6C



B50023



36000A

Inverse Universe

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



EC5471



FF3B60



54BEEC



756A6C



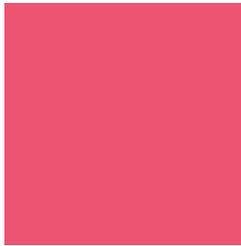
B50023



36000A

Previews

White Background



This preview shows how the Hex color EC5471 looks on a white background.

Color Contrast Check

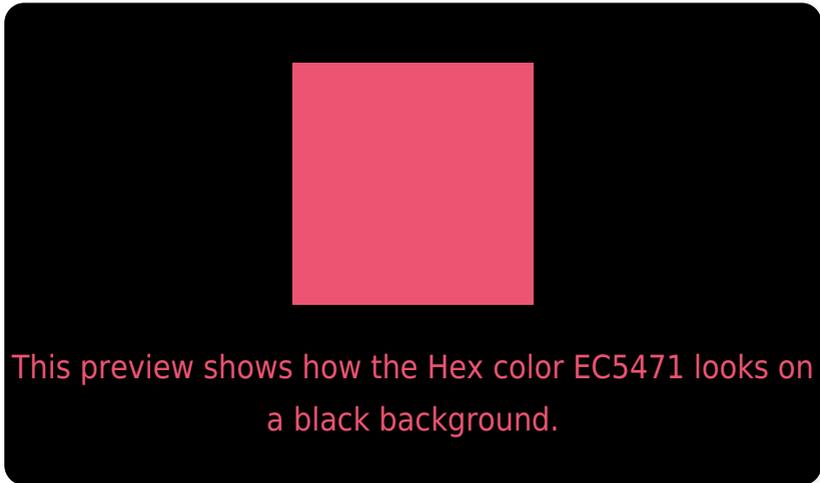
Large Text (above 18pt) WCAG AA ✓ Pass

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

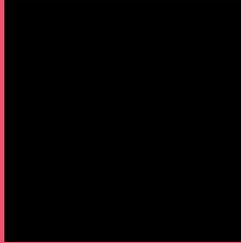
Any Text WCAG AA ✓ Pass

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 EC5471 Background



This preview shows how black text looks on a background with the Hex color EC5471.



This preview shows how white text looks on a background with the Hex color EC5471.

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



Trichromacy



Original Color
EC5471

Protanomaly
AF7682

Deuteranomaly
BD736D

Tritanomaly
EB5764

Monochromacy



Original Color
EC5471

Achromatopsia
858585

Achromatomaly
AA737E

CSS Examples

Text

The CSS property to change the color of the text to Hex EC5471 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 #EC5471 looks like.

```
.text, #text, p{  
    color:#EC5471  
}
```

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 #EC5471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC5471
}
```

Border

The CSS property to change the border of an element to Hex EC5471 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
#EC5471 }
```

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

```
.border{ border-color:#EC5471 }
```

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

Here you see how a box with a 4 pixel #EC5471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC5471; -webkit-box-shadow:4px 4px  
4px 4px #EC5471; box-shadow:4px 4px 4px  
4px #EC5471 }
```

Background

The CSS property to change the background color of an element to Hex EC5471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC5471 }
```

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

```
.background{ background-color:#EC5471 }
```

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