

Converting Colors

Hex(EC53B1)

Have a look what the booklet for
Hex(EC53B1) contains.

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Color

Hex(EC53B1)

Conversions

Conversions Part 1

Format	Color
Hex	EC53B1
RGB	236, 83, 177
RGB Percent	93%, 33%, 69%
CMY	0.0745, 0.6745, 0.3059
CMYK	0.00, 0.65, 0.25, 0.07
HSL	323°, 80%, 63%
HSV	323°, 65%, 93%
XYZ	45.6211, 27.1937, 44.4394
YIQ	139.4630, 61.0140, 61.6700

Conversions

Conversions Part 2

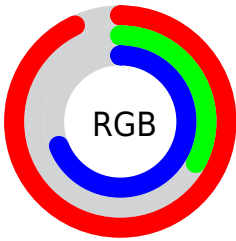
Format	Color
R_{YB}	236, 83, 177
Decimal	15487921
CIE _{Lab}	59.15, 67.55, -18.78
CIE _{LCh}	59, 70.109, 344.463
Yxy	27.1937, 0.3891, 0.2319
Android (android.graphics.Color)	4293678001 (0xFFEC53B1)
YUV	139.4630, 18.5057, 84.6629
Hunter-Lab	52.1476, 64.9019, -14.0227

Details

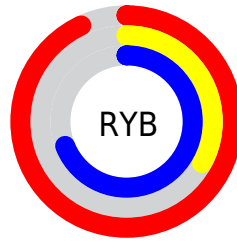
The Hex color **EC53B1** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **53EC8E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF8DE9**, and **B0017C** is the 20% darker color. If you saturate the color by 10%, you get **EC3BA8**, and if you desaturate by 10%, it is **EC6BBA**.

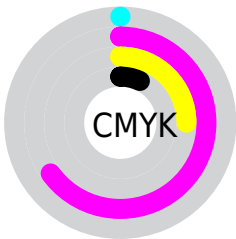
Distribution



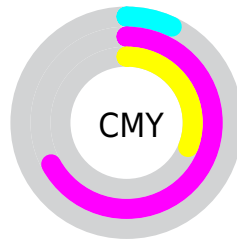
- Red (93%)
- Green (33%)
- Blue (69%)



- Red (93%)
- Yellow (33%)
- Blue (69%)



- Cyan (0%)
- Magenta (65%)
- Yellow (25%)
- Black (7%)



- Cyan (7%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC53B1 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 EC53B1 by changing the saturation by 10% instead.

 EC53B1

 EC53B1

FFFFFF

 CE3396

 FF8DE9

 B0017C

 FFAAFF

 930063

 FFC7FF

 76004B

 FFE5FF

 5A0034

 40001F

 230001

 000000

 EC53B1

 EC53B1

 EC3BA8

 EC6BBA

 EC249F

 EC82C3

 EC0C96

 EC9ACC

 EC0091

 ECB1D5

 ECC9DF

 ECE1E8

 ECF8F1

 ECFFFA

 ECFFFF

Harmonies

Analogous

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



B66FE7



EC53B1



FB4D73

Triad

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



EC53B1



8F9500



00A8E4

Complementary

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



EC53B1



53EC8E

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.



00AAAB



EC53B1



45A22C

Square

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



EC53B1



C58000



00A86B



009EFF

Rectangle

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



EC53B1



F45B4C



00A86B



00A9D3

Sweetspot

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



EC53B1



FFCFEC



8E53EC



806274



000000



808080

Same Dimension

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



EC53B1



FF38B2



EC5365



756A71



B5006F



360021

Inverse Universe

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



EC53B1



FF38B2



53ECDA



756A71



B5006F



360021

Previews

White Background



This preview shows how the Hex color EC53B1 looks on a white background.

Color Contrast Check

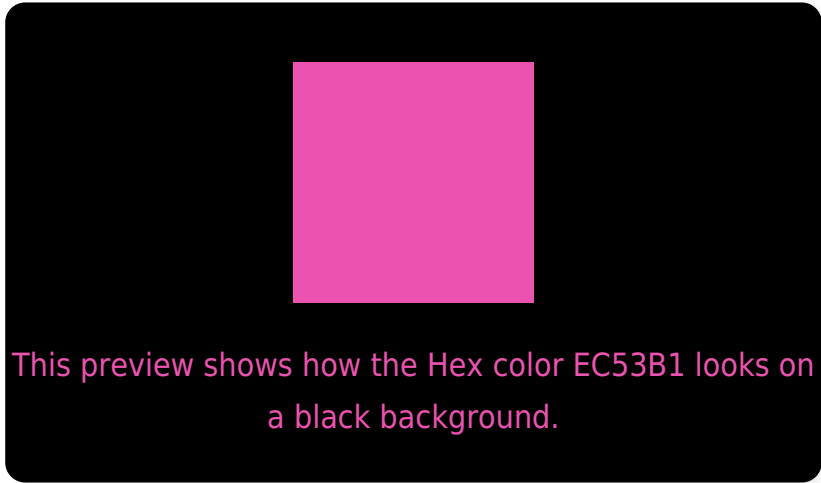
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC53B1 Background



This preview shows how black text looks on a background with the Hex color EC53B1.

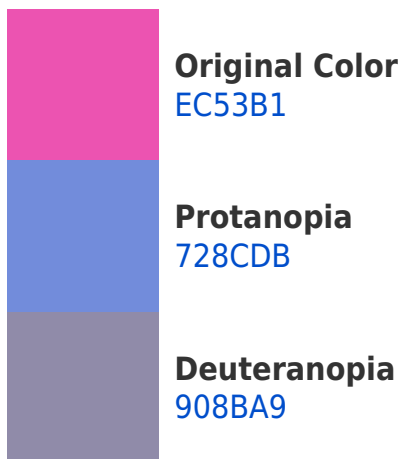


This preview shows how white text looks on a background with the Hex color EC53B1.

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





Tritanopia
E6656B

Trichromacy



Original Color
EC53B1



Protanomaly
9E77CC



Deuteranomaly
B177AC



Tritanomaly
E85E84

Monochromacy



Original Color
EC53B1



Achromatopsia
8B8B8B



Achromatomaly
AE7799

CSS Examples

Text

The CSS property to change the color of the text to Hex EC53B1 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 #EC53B1 looks like.

```
.text, #text, p{  
    color:#EC53B1  
}
```

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 #EC53B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC53B1
}
```

Border

The CSS property to change the border of an element to Hex EC53B1 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
#EC53B1 }
```

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

```
.border{ border-color:#EC53B1 }
```

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

Here you see how a box with a 4 pixel #EC53B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC53B1; -webkit-box-shadow:4px 4px  
4px 4px #EC53B1; box-shadow:4px 4px 4px  
4px #EC53B1 }
```

Background

The CSS property to change the background color of an element to Hex EC53B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC53B1 }
```

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

```
.background{ background-color:#EC53B1 }
```

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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