

Converting Colors

Hex(EB56D1)

Have a look what the booklet for
Hex(EB56D1) contains.

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Color

Hex(**EB56D1**)

Conversions

Conversions Part 1

Format	Color
Hex	EB56D1
RGB	235, 86, 209
RGB Percent	92%, 34%, 82%
CMY	0.0784, 0.6627, 0.1804
CMYK	0.00, 0.63, 0.11, 0.08
HSL	310°, 79%, 63%
HSV	310°, 63%, 92%
XYZ	49.0974, 28.9212, 63.3162
YIQ	144.5730, 49.3210, 69.8410

Conversions

Conversions Part 2

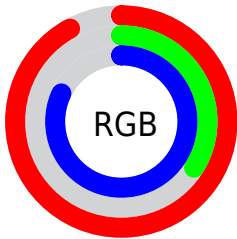
Format	Color
R _{YB}	235, 86, 209
Decimal	15423185
CIE _{Lab}	60.71, 70.53, -34.67
CIE _{LCh}	61, 78.591, 333.820
Yxy	28.9212, 0.3474, 0.2046
Android (android.graphics.Color)	4293613265 (0xFFEB56D1)
YUV	144.5730, 31.7625, 79.3045
Hunter-Lab	53.7784, 68.8505, -32.1604

Details

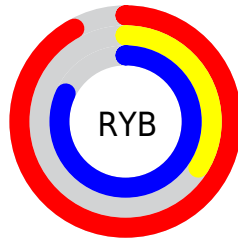
The Hex color **EB56D1** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **56EB70**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF90FF**, and **B0079A** is the 20% darker color. If you saturate the color by 10%, you get **EB3FCD**, and if you desaturate by 10%, it is **EB6ED5**.

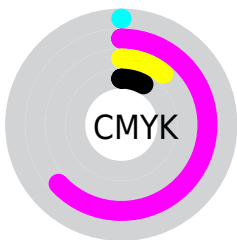
Distribution



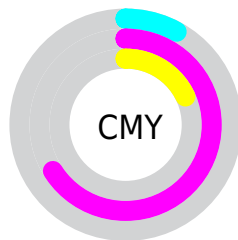
- Red (92%)
- Green (34%)
- Blue (82%)



- Red (92%)
- Yellow (34%)
- Blue (82%)



- Cyan (0%)
- Magenta (63%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (66%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB56D1 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 EB56D1 by changing the saturation by 10% instead.

 EB56D1

 EB56D1

FFFFFF

 CD36B5

 FF90FF

 B0079A

 FFADFF

 930080

 FFCBFF

 760066

 FFE8FF

 5A004E

 410037

 240020

 000003

 000000

 EB56D1

 EB56D1

 EB3FCD

 EB6ED5

 EB27C9

 EB85D9

 EB10C5

 EB9DDD

 EB00C2

 EBB4E1

 EBCCE6

 EBE3EA

 EBFBEE

 EBFFF2

 EBFFF6

Harmonies

Analogous

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



9A7BFF



EB56D1



FF3F8D

Triad

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



EB56D1



A89200



00B0DE

Complementary

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



EB56D1



56EB70

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.



00B19A



EB56D1



60A400

Square

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



EB56D1



DF7700



00AD51



00A9FF

Rectangle

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



EB56D1



FF4A5F



00AD51



00B1C9

Sweetspot

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



EB56D1



FFCFF7



6F56EB



80627A



000000



808080

Same Dimension

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



EB56D1



FF3DDD



EB5688



756A73



B50095



36002C

Inverse Universe

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



EB56D1



FF3DDD



56EBB9



756A73



B50095



36002C

Previews

White Background



This preview shows how the Hex color EB56D1 looks on a white background.

Color Contrast Check

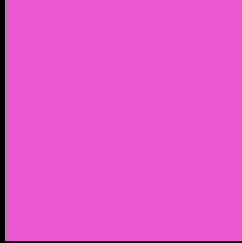
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color EB56D1 looks on a 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 EB56D1 Background



This preview shows how black text looks on a background with the Hex color EB56D1.



This preview shows how white text looks on a background with the Hex color EB56D1.

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
E26F77

Trichromacy



Original Color
EB56D1



Protanomaly
937AEE



Deuteranomaly
A97CCB



Tritanomaly
E56698

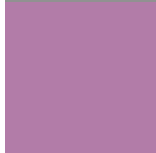
Monochromacy



Original Color
EB56D1



Achromatopsia
919191



Achromatomaly
B27CA8

CSS Examples

Text

The CSS property to change the color of the text to Hex EB56D1 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 #EB56D1 looks like.

```
.text, #text, p{  
    color:#EB56D1  
}
```

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 #EB56D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB56D1
}
```

Border

The CSS property to change the border of an element to Hex EB56D1 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
#EB56D1 }
```

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

```
.border{ border-color:#EB56D1 }
```

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

Here you see how a box with a 4 pixel #EB56D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB56D1; -webkit-box-shadow:4px 4px  
4px 4px #EB56D1; box-shadow:4px 4px 4px  
4px #EB56D1 }
```

Background

The CSS property to change the background color of an element to Hex EB56D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB56D1 }
```

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

```
.background{ background-color:#EB56D1 }
```

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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