

Converting Colors

Hex(EB65E4)

Have a look what the booklet for
Hex(EB65E4) contains.

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Color

Hex(EB65E4)

Conversions

Conversions Part 1

Format	Color
Hex	EB65E4
RGB	235, 101, 228
RGB Percent	92%, 40%, 89%
CMY	0.0784, 0.6039, 0.1059
CMYK	0.00, 0.57, 0.03, 0.08
HSL	303°, 77%, 66%
HSV	303°, 57%, 92%
XYZ	52.9182, 32.5710, 76.8965
YIQ	155.5440, 39.0970, 67.9050

Conversions

Conversions Part 2

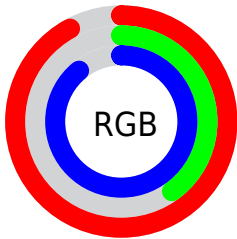
Format	Color
RYB	235, 101, 228
Decimal	15427044
CIELab	63.81, 67.31, -40.50
CIElCh	64, 78.558, 328.967
Yxy	32.5710, 0.3259, 0.2006
Android (android.graphics.Color)	4293617124 (0xFFEB65E4)
YUV	155.5440, 35.7208, 69.6829
Hunter-Lab	57.0710, 65.6373, -39.9367

Details

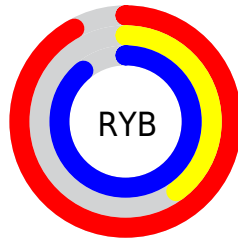
The Hex color **EB65E4** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **65EB6C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF9EFF**, and **B027AC** is the 20% darker color. If you saturate the color by 10%, you get **EB4EE3**, and if you desaturate by 10%, it is **EB7DE5**.

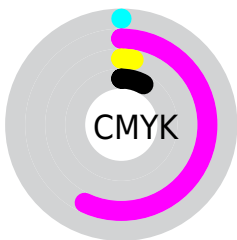
Distribution



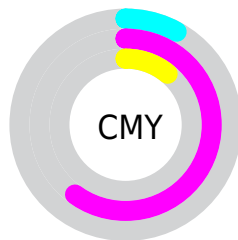
- Red (92%)
- Green (40%)
- Blue (89%)



- Red (92%)
- Yellow (40%)
- Blue (89%)



- Cyan (0%)
- Magenta (57%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (60%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB65E4 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 EB65E4 by changing the saturation by 10% instead.

 EB65E4

 EB65E4

FFFFFF

 CD48C8

 FF9EFF

 B027AC

 FFBBFF

 940091

 FFD8FF

 770077

 FFF6FF

 5C005E

 410046

 26002E

 000118

 000000

 EB65E4

 EB65E4

 EB4EE3

 EB7DE5

 EB36E2

 EB94E6

 EB1FE0

 EBACE8

 EB07DF

 EBC3E9

 EB00DF

 EBDBEA

 EBF2EB

 EBFFED

 EBFFEE

 EBFFEF

Harmonies

Analogous

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



9089FF



EB65E4



FF4BA0

Triad

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



EB65E4



BC9700



00B9DD

Complementary

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



EB65E4



65EB6C

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.



00B996



EB65E4



77AA00

Square

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



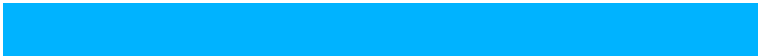
EB65E4



F17A15



00B54D



00B3FF

Rectangle

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



EB65E4



FF5072



00B54D



00BAC6

Sweetspot

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



EB65E4



FFD4FD



6C65EB



80667E



000000



808080

Same Dimension

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



EB65E4



FF52F6



EB65A1



756A75



B500AC



360033

Inverse Universe

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



EB65E4



FF52F6



65EBAF



756A75



B500AC



360033

Previews

White Background



This preview shows how the Hex color EB65E4 looks on a white background.

Color Contrast Check

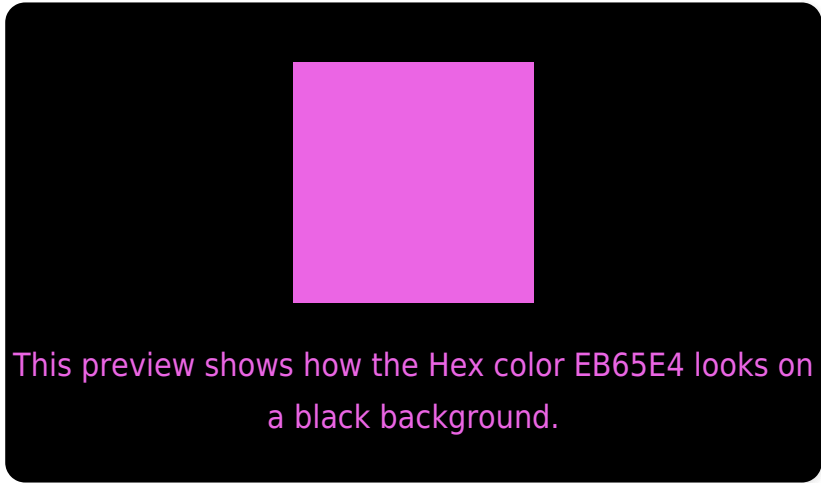
Large Text (above 18pt) WCAG AA × Fail

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

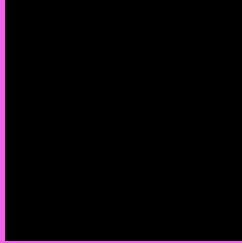
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EB65E4 Background



This preview shows how black text looks on a background with the Hex color EB65E4.

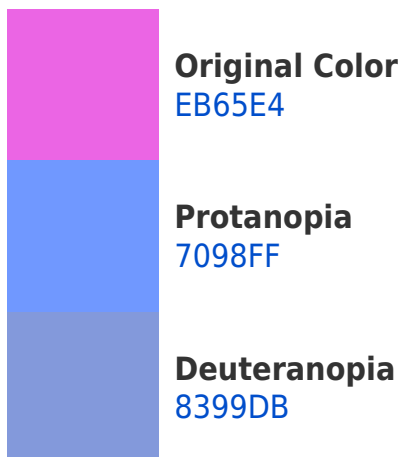


This preview shows how white text looks on a background with the Hex color EB65E4.

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
E07E87

Trichromacy



Original Color
EB65E4



Protanomaly
9D85F5



Deuteranomaly
A986DE



Tritanomaly
E475A9

Monochromacy



Original Color
EB65E4



Achromatopsia
9C9C9C



Achromatomaly
B988B6

CSS Examples

Text

The CSS property to change the color of the text to Hex EB65E4 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 #EB65E4 looks like.

```
.text, #text, p{  
    color:#EB65E4  
}
```

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 #EB65E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB65E4
}
```

Border

The CSS property to change the border of an element to Hex EB65E4 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
#EB65E4 }
```

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

```
.border{ border-color:#EB65E4 }
```

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

Here you see how a box with a 4 pixel #EB65E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB65E4; -webkit-box-shadow:4px 4px  
4px 4px #EB65E4; box-shadow:4px 4px 4px  
4px #EB65E4 }
```

Background

The CSS property to change the background color of an element to Hex EB65E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB65E4 }
```

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

```
.background{ background-color:#EB65E4 }
```

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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