

Converting Colors

Hex(E649E6)

Have a look what the booklet for
Hex(E649E6) contains.

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Color

Hex(E649E6)

Conversions

Conversions Part 1

Format	Color
Hex	E649E6
RGB	230, 73, 230
RGB Percent	90%, 29%, 90%
CMY	0.0980, 0.7137, 0.0980
CMYK	0.00, 0.68, 0.00, 0.10
HSL	300°, 76%, 59%
HSV	300°, 68%, 90%
XYZ	49.2986, 27.3013, 77.5343
YIQ	137.8410, 43.1750, 82.1110

Conversions

Conversions Part 2

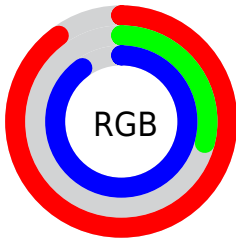
Format	Color
R_{YB}	230, 73, 230
Decimal	15092198
CIE _{Lab}	59.25, 77.37, -48.85
CIE _{LCh}	59, 91.501, 327.731
Yxy	27.3013, 0.3198, 0.1771
Android (android.graphics.Color)	4293282278 (0xFFE649E6)
YUV	137.8410, 45.4344, 80.8234
Hunter-Lab	52.2506, 76.9767, -51.4045

Details

The Hex color **E649E6** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **49E649**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF86FF**, and **AB00AE** is the 20% darker color. If you saturate the color by 10%, you get **E632E6**, and if you desaturate by 10%, it is **E660E6**.

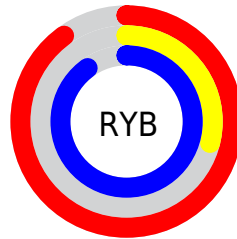
Distribution



Red (90%)

Green (29%)

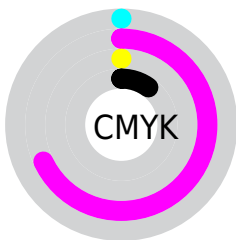
Blue (90%)



Red (90%)

Yellow (29%)

Blue (90%)

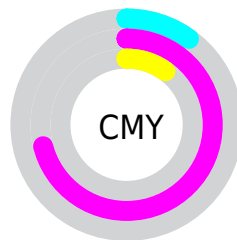


Cyan (0%)

Magenta (68%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (71%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color E649E6 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 E649E6 by changing the saturation by 10% instead.

 E649E6

 E649E6

FFFFFF

 C824CA

 FF86FF

 AB00AE

 FFA3FF

 8D0093

 FFC1FF

 710078

 FFDEFF

 54005F

 FFFDFD

 3B0047

 1C002F

 000119

 000000

 E649E6

 E649E6

 E632E6

 E660E6

 E61BE6

 E677E6

 E604E6

 E68EE6

 E600E6

 E6A5E6

 E6BCE6

 E6D3E6

 E6EAE6

 E6FFE6

Harmonies

Analogous

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



707CFF



E649E6



FF0098

Triad

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



E649E6



B28A00



00B0D8

Complementary

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



E649E6



49E649

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.



00AF86



E649E6



639F00

Square

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



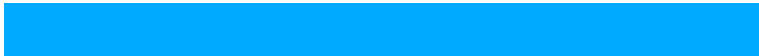
E649E6



EE6500



00AA2E



00ABFF

Rectangle

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



E649E6



FF0F63



00AA2E



00B0BE

Sweetspot

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



E649E6



FFCCFF



4949E6



806180



000000



808080

Same Dimension

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



E649E6



FF2EFF



E64998



736773



B300B3



330033

Inverse Universe

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



E649E6



FF2EFF



49E698



736773



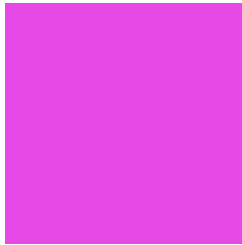
B300B3



330033

Previews

White Background



This preview shows how the Hex color E649E6 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

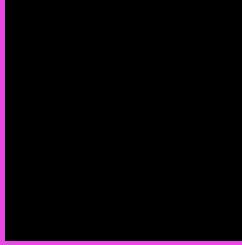
Any Text WCAG AA ✓ Pass

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 E649E6 Background



This preview shows how black text looks on a background with the Hex color E649E6.



This preview shows how white text looks on a background with the Hex color E649E6.

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
D96E75

Trichromacy



Original Color
E649E6



Protanomaly
8B73F6



Deuteranomaly
9675DF



Tritanomaly
DE619E

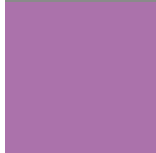
Monochromacy



Original Color
E649E6



Achromatopsia
8A8A8A



Achromatomaly
AB72AB

CSS Examples

Text

The CSS property to change the color of the text to Hex E649E6 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 #E649E6 looks like.

```
.text, #text, p{  
    color:#E649E6  
}
```

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 #E649E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E649E6
}
```

Border

The CSS property to change the border of an element to Hex E649E6 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
#E649E6 }
```

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

```
.border{ border-color:#E649E6 }
```

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

Here you see how a box with a 4 pixel #E649E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E649E6; -webkit-box-shadow:4px 4px  
4px 4px #E649E6; box-shadow:4px 4px 4px  
4px #E649E6 }
```

Background

The CSS property to change the background color of an element to Hex E649E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E649E6 }
```

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

```
.background{ background-color:#E649E6 }
```

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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