

Converting Colors

Hex(E64E99)

Have a look what the booklet for
Hex(E64E99) contains.

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Color

Hex(E64E99)

Conversions

Conversions Part 1

Format	Color
Hex	E64E99
RGB	230, 78, 153
RGB Percent	90%, 31%, 60%
CMY	0.0980, 0.6941, 0.4000
CMYK	0.00, 0.66, 0.33, 0.10
HSL	330°, 75%, 60%
HSV	330°, 66%, 90%
XYZ	41.1073, 24.5717, 32.7132
YIQ	131.9980, 66.5170, 55.5490

Conversions

Conversions Part 2

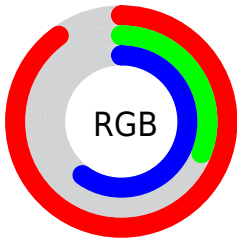
Format	Color
R _Y B	230, 78, 153
Decimal	15093401
CIE Lab	56.66, 64.95, -8.68
CIE LCh	57, 65.527, 352.384
Yxy	24.5717, 0.4178, 0.2497
Android (android.graphics.Color)	4293283481 (0xFFE64E99)
YUV	131.9980, 10.3540, 85.9478
Hunter-Lab	49.5698, 61.2793, -4.4291

Details

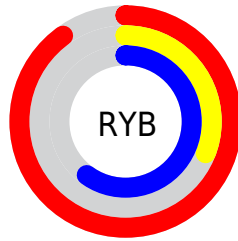
The Hex color **E64E99** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **4EE69B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF88CF**, and **AA0066** is the 20% darker color. If you saturate the color by 10%, you get **E6378D**, and if you desaturate by 10%, it is **E665A5**.

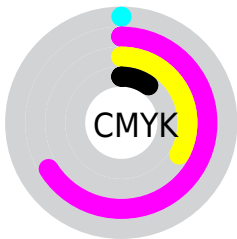
Distribution



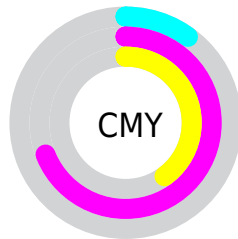
- Red (90%)
- Green (31%)
- Blue (60%)



- Red (90%)
- Yellow (31%)
- Blue (60%)



- Cyan (0%)
- Magenta (66%)
- Yellow (33%)
- Black (10%)



- Cyan (10%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color E64E99 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 E64E99 by changing the saturation by 10% instead.

 E64E99

 E64E99

FFFFFF

 C82E7F

 FF88CF

 AA0066

 FFA4EC

 8D004E

 FFC1FF

 700037

 FFDFFF

 530022

 FFFDFD

 390009

 120000

 000000

 E64E99

 E64E99

 E6378D

 E665A5

 E62082

 E67CB0

 E60976

 E693BC

 E60071

 E6AAC8

 E6C1D3

 E6D8DF

 E6EFEB

 E6FFF6

 E6FFFF

Harmonies

Analogous

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



BE64CE



E64E99



EC5160

Triad

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



E64E99



7A9200



009EE2

Complementary

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



E64E99



4EE69B

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.



00A2B2



E64E99



269C3D

Square

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



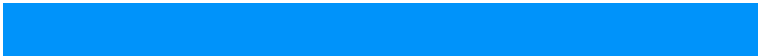
E64E99



AF8000



00A177



0093FA

Rectangle

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



E64E99



E15F3D



00A177



00A0D4

Sweetspot

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



E64E99



FFCCE5



9A4EE6



806170



000000



808080

Same Dimension

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



E64E99



FF3699



E64E4E



73676D



B30058



330019

Inverse Universe

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



E64E99



FF3699



4EE6E6



73676D



B30058



330019

Previews

White Background



This preview shows how the Hex color E64E99 looks on a white background.

Color Contrast Check

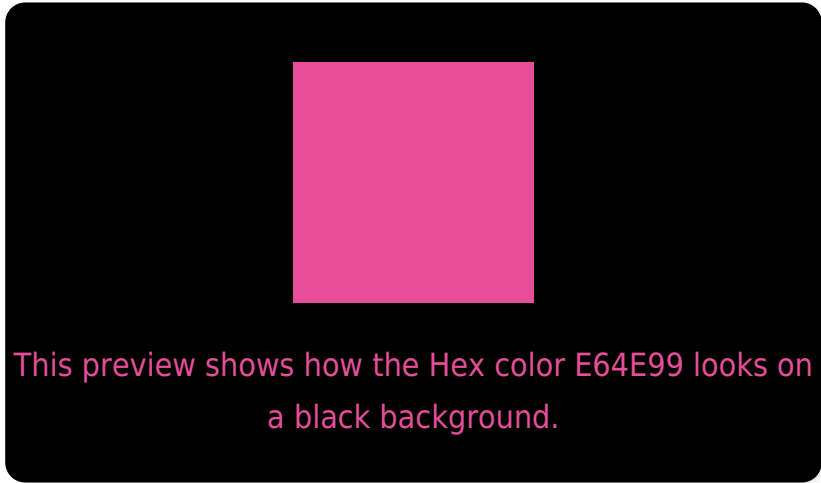
Large Text (above 18pt) WCAG AA ✓ Pass

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 E64E99 Background



This preview shows how black text looks on a background with the Hex color E64E99.



This preview shows how white text looks on a background with the Hex color E64E99.

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



Original Color
E64E99

Protanopia
7786BF

Deuteranopia
928491



Tritanopia
E25B61

Trichromacy



Original Color
E64E99



Protanomaly
9F72B1



Deuteranomaly
B17094



Tritanomaly
E35675

Monochromacy



Original Color
E64E99



Achromatopsia
848484



Achromatomaly
A8708C

CSS Examples

Text

The CSS property to change the color of the text to Hex E64E99 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 #E64E99 looks like.

```
.text, #text, p{  
    color:#E64E99  
}
```

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 #E64E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E64E99
}
```

Border

The CSS property to change the border of an element to Hex E64E99 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
#E64E99 }
```

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

```
.border{ border-color:#E64E99 }
```

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

Here you see how a box with a 4 pixel #E64E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E64E99; -webkit-box-shadow:4px 4px  
4px 4px #E64E99; box-shadow:4px 4px 4px  
4px #E64E99 }
```

Background

The CSS property to change the background color of an element to Hex E64E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E64E99 }
```

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

```
.background{ background-color:#E64E99 }
```

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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