

Converting Colors

Hex(E34CE6)

Have a look what the booklet for
Hex(E34CE6) contains.

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Color

Hex(E34CE6)

Conversions

Conversions Part 1

Format	Color
Hex	E34CE6
RGB	227, 76, 230
RGB Percent	89%, 30%, 90%
CMY	0.1098, 0.7020, 0.0980
CMYK	0.01, 0.67, 0.00, 0.10
HSL	299°, 75%, 60%
HSV	299°, 67%, 90%
XYZ	48.5459, 27.2129, 77.5569
YIQ	138.7050, 40.5620, 79.9060

Conversions

Conversions Part 2

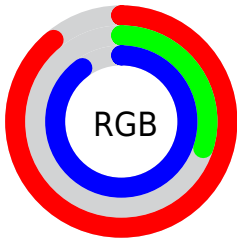
Format	Color
R _Y B	227, 76, 230
Decimal	14896358
CIE Lab	59.17, 75.66, -49.01
CIE LCh	59, 90.149, 327.068
Yxy	27.2129, 0.3166, 0.1775
Android (android.graphics.Color)	4293086438 (0xFFE34CE6)
YUV	138.7050, 45.0084, 77.4347
Hunter-Lab	52.1660, 74.8223, -51.6321

Details

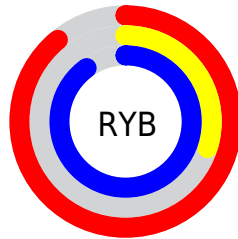
The Hex color **E34CE6** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4FE64C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF88FF**, and **A800AE** is the 20% darker color. If you saturate the color by 10%, you get **E335E6**, and if you desaturate by 10%, it is **E363E6**.

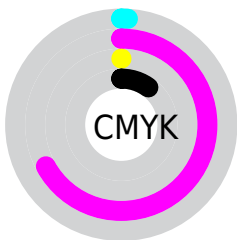
Distribution



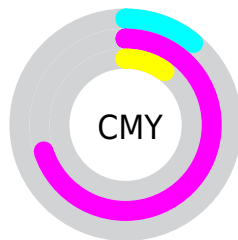
- Red (89%)
- Green (30%)
- Blue (90%)



- Red (89%)
- Yellow (30%)
- Blue (90%)



- Cyan (1%)
- Magenta (67%)
- Yellow (0%)
- Black (10%)



- Cyan (11%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color E34CE6 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 E34CE6 by changing the saturation by 10% instead.

 E34CE6

 E34CE6

FFFFFF

 C529CA

 FF88FF

 A800AE

 FFA5FF

 8B0093

 FFC2FF

 6E0078

 FFE0FF

 52005F

FFFEFF

 390047

 19002F

 000119

 000000

 E34CE6

 E34CE6

 E335E6

 E363E6

 E21EE6

 E47AE6

 E207E6

 E491E6

 E200E6

 E5A8E6

 E5BFE6

 E6D6E6

 E6EDE6

 E7FFE6

Harmonies

Analogous

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



6D7DFF



E34CE6



FF049A

Triad

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



E34CE6



B38900



00B0D5

Complementary

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



E34CE6



4FE64C

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.



00AF84



E34CE6



669E00

Square

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



E34CE6



ED6500



00AA2D



00ABFF

Rectangle

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



E34CE6



FF1666



00AA2D



00B0BB

Sweetspot

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



E34CE6



FECCFF



4C51E6



7F6180



000000



808080

Same Dimension

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



E34CE6



FB33FF



E64C9E



736773



AF00B3



320033

Inverse Universe

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



E64C4F



FF3337



4CE694



736767



B30003



330001

Previews

White Background



This preview shows how the Hex color E34CE6 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

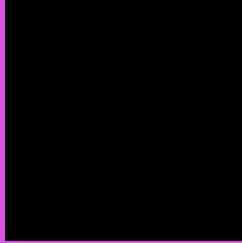
Any Text WCAG AA ✓ Pass

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 E34CE6 Background



This preview shows how black text looks on a background with the Hex color E34CE6.



This preview shows how white text looks on a background with the Hex color E34CE6.

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
D66F77

Trichromacy



Original Color
E34CE6



Protanomaly
8974F6



Deuteranomaly
9576DF



Tritanomaly
DB629F

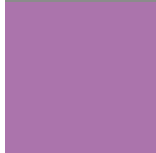
Monochromacy



Original Color
E34CE6



Achromatopsia
8B8B8B



Achromatomaly
AB74AC

CSS Examples

Text

The CSS property to change the color of the text to Hex E34CE6 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 #E34CE6 looks like.

```
.text, #text, p{  
  color:#E34CE6  
}
```

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 #E34CE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34CE6
}
```

Border

The CSS property to change the border of an element to Hex E34CE6 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
#E34CE6 }
```

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

```
.border{ border-color:#E34CE6 }
```

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

Here you see how a box with a 4 pixel #E34CE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34CE6; -webkit-box-shadow:4px 4px  
4px 4px #E34CE6; box-shadow:4px 4px 4px  
4px #E34CE6 }
```

Background

The CSS property to change the background color of an element to Hex E34CE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34CE6 }
```

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

```
.background{ background-color:#E34CE6 }
```

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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