

Converting Colors

Hex(E03AC5)

Have a look what the booklet for
Hex(E03AC5) contains.

Hex(E03AC5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E03AC5)

Conversions

Conversions Part 1

Format	Color
Hex	E03AC5
RGB	224, 58, 197
RGB Percent	88%, 23%, 77%
CMY	0.1216, 0.7725, 0.2275
CMYK	0.00, 0.74, 0.12, 0.12
HSL	310°, 73%, 55%
HSV	310°, 74%, 88%
XYZ	42.3316, 22.9046, 55.0132
YIQ	123.4800, 54.3170, 78.4210

Conversions

Conversions Part 2

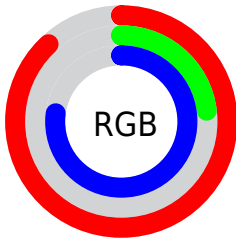
Format	Color
RYB	224, 58, 197
Decimal	14695109
CIELab	54.97, 75.92, -36.92
CIELCh	55, 84.419, 334.062
Yxy	22.9046, 0.3520, 0.1905
Android (android.graphics.Color)	4292885189 (0xFFE03AC5)
YUV	123.4800, 36.2454, 88.1560
Hunter-Lab	47.8588, 74.1322, -34.6522

Details

The Hex color **E03AC5** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **3AE055**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF79FE**, and **A5008F** is the 20% darker color. If you saturate the color by 10%, you get **E024C1**, and if you desaturate by 10%, it is **E050C9**.

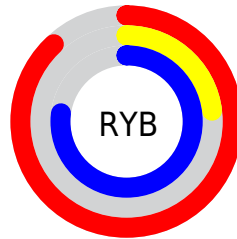
Distribution



Red (88%)

Green (23%)

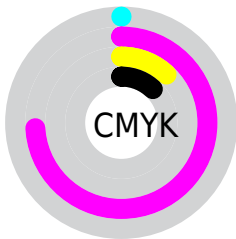
Blue (77%)



Red (88%)

Yellow (23%)

Blue (77%)

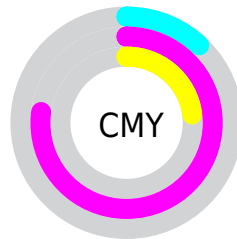


Cyan (0%)

Magenta (74%)

Yellow (12%)

Black (12%)



Cyan (12%)

Magenta (77%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color E03AC5 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 E03AC5 by changing the saturation by 10% instead.

 E03AC5

 E03AC5

FFFFFF

 C207A9

 FF79FE

 A5008F

 FF96FF

 880075

 FFB4FF

 6B005C

 FFD1FF

 4F0044

 FFEFFF

 34002D

 100017

 000000

 E03AC5

 E03AC5

 E024C1

 E050C9

 E00DBE

 E067CC

 E000BC

 E07DD0

 E094D4

 E0AAD7

 E0C0DB

 E0D7DF

 E0EDE2

 E0FFE6

Harmonies

Analogous

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



896AFE



E03AC5



FF047D

Triad

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



E03AC5



978400



00A2D4

Complementary

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



E03AC5



3AE055

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.



00A28C



E03AC5



489600

Square

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



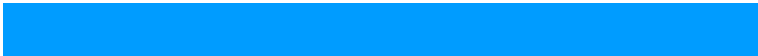
E03AC5



D06600



009E3E



009CFF

Rectangle

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



E03AC5



FD264D



009E3E



00A2BE

Sweetspot

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



E03AC5



FFC7F6



533AE0



805E7A



000000



808080

Same Dimension

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



E03AC5



FF1CDA



E03A74



70656E



B00093



300029

Inverse Universe

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



E03AC5



FF1CDA



3AE0A6



70656E



B00093



300029

Previews

White Background



This preview shows how the Hex color E03AC5 looks on a white background.

Color Contrast Check

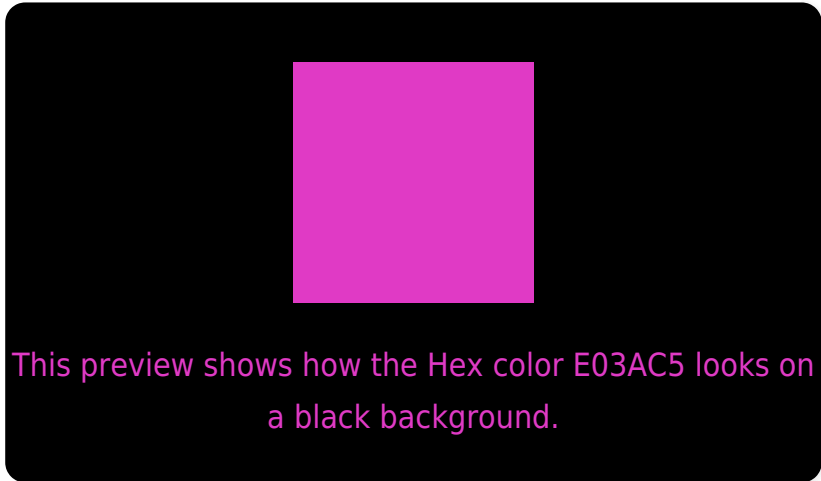
Large Text (above 18pt) WCAG AA ✓ Pass

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 E03AC5 Background



This preview shows how black text looks on a background with the Hex color E03AC5.

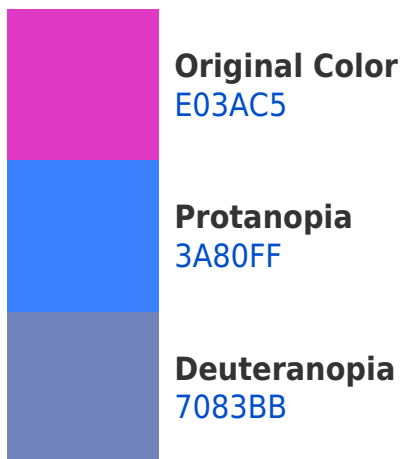



This preview shows how white text looks on a background with the Hex color E03AC5.

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
D65C62

Trichromacy



Original Color
E03AC5



Protanomaly
7667EA



Deuteranomaly
9968BF



Tritanomaly
DA5086

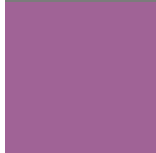
Monochromacy



Original Color
E03AC5



Achromatopsia
7B7B7B



Achromatomaly
A06396

CSS Examples

Text

The CSS property to change the color of the text to Hex E03AC5 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 #E03AC5 looks like.

```
.text, #text, p{  
    color:#E03AC5  
}
```

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 #E03AC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E03AC5
}
```

Border

The CSS property to change the border of an element to Hex E03AC5 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
#E03AC5 }
```

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

```
.border{ border-color:#E03AC5 }
```

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

Here you see how a box with a 4 pixel #E03AC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E03AC5; -webkit-box-shadow:4px 4px  
4px 4px #E03AC5; box-shadow:4px 4px 4px  
4px #E03AC5 }
```

Background

The CSS property to change the background color of an element to Hex E03AC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E03AC5 }
```

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

```
.background{ background-color:#E03AC5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor