

# Converting Colors

Hex(E34DA5)

Have a look what the booklet for  
Hex(E34DA5) contains.

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# Color

Hex(E34DA5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E34DA5
RGB	227, 77, 165
RGB Percent	89%, 30%, 65%
CMY	0.1098, 0.6980, 0.3529
CMYK	0.00, 0.66, 0.27, 0.11
HSL	325°, 73%, 60%
HSV	325°, 66%, 89%
XYZ	41.1240, 24.3553, 38.1309
YIQ	131.8820, 61.1520, 59.1680

# Conversions

## Conversions Part 2

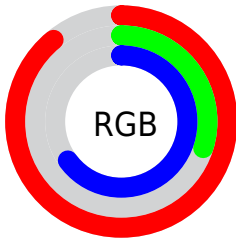
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	227, 77, 165
Decimal	14896549
CIE <sub>Lab</sub>	56.44, 65.92, -16.07
CIE <sub>LCh</sub>	56, 67.854, 346.297
Yxy	24.3553, 0.3969, 0.2351
Android (android.graphics.Color)	4293086629 (0xFFE34DA5)
YUV	131.8820, 16.3272, 83.4185
Hunter-Lab	49.3510, 62.3787, -11.2644

# Details

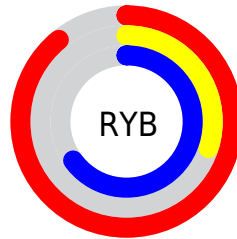
The Hex color **E34DA5** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4DE38B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF87DC**, and **A80071** is the 20% darker color. If you saturate the color by 10%, you get **E3369C**, and if you desaturate by 10%, it is **E364AE**.

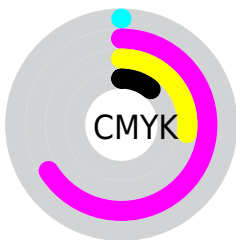
# Distribution



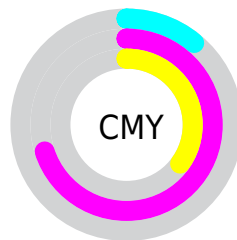
- Red (89%)
- Green (30%)
- Blue (65%)



- Red (89%)
- Yellow (30%)
- Blue (65%)



- Cyan (0%)
- Magenta (66%)
- Yellow (27%)
- Black (11%)



- Cyan (11%)
- Magenta (70%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E34DA5 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 E34DA5 by changing the saturation by 10% instead.



 E34DA5

 E34DA5

FFFFFF

 C52D8B

 FF87DC

 A80071

 FFA4F9

 8B0059

 FFC1FF

 6E0041

 FFDEFF

 52002B

 FFFCFF

 370016

 120000

 000000

 E34DA5

 E34DA5

 E3369C

 E364AE

 E32092

 E37AB8

 E30989

 E391C1

 E30085

 E3A8CB

 E3BED4

 E3D5DD

 E3ECE7

 E3FFF0

 E3FFF9

# Harmonies

## Analogous

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



B268DA



E34DA5



F04A6A

# Triad

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



E34DA5



848E00



009FDC

# Complementary

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



E34DA5



4DE38B

# 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.



00A2A7



E34DA5



3A9A2D

# Square

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



E34DA5



B97B00



00A169



0096FB

# Rectangle

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



E34DA5



E75745



00A169



00A1CC



# Sweetspot

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



E34DA5



FFCCEA



894DE3



806173



000000



808080



# Same Dimension

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



E34DA5



FF36AC



E34D5C



73676E



B30069



33001E



# Inverse Universe

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



E34DA5



FF36AC



4DE3D4



73676E



B30069



33001E



# Previews

## White Background



This preview shows how the Hex color E34DA5 looks on a white background.

## Color Contrast Check

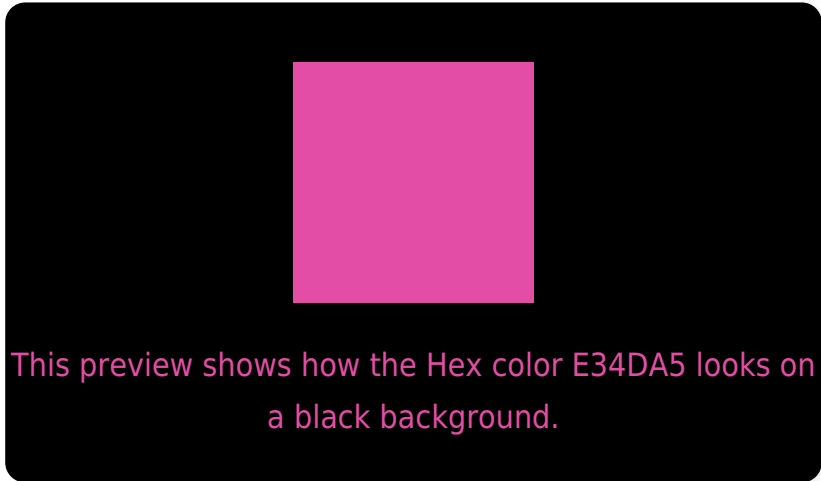
Large Text (above 18pt) WCAG AA ✓ Pass

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 E34DA5 Background



This preview shows how black text looks on a background with the Hex color E34DA5.



This preview shows how white text looks on a background with the Hex color E34DA5.

# 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





# Trichromacy



**Original Color**  
E34DA5



**Protanomaly**  
9971BF



**Deuteranomaly**  
AB70A0

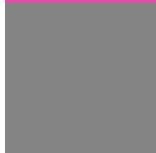


**Tritanomaly**  
E0587C

# Monochromacy



**Original Color**  
E34DA5



**Achromatopsia**  
848484



**Achromatomaly**  
A77090

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E34DA5 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 #E34DA5 looks like.

```
.text, #text, p{  
    color:#E34DA5  
}
```

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 #E34DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34DA5 }
}
```

## Border

The CSS property to change the border of an element to Hex E34DA5 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 #E34DA5 }
}
```

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

```
.border{ border-color:#E34DA5 }
```

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

Here you see how a box with a 4 pixel #E34DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34DA5; -webkit-box-shadow:4px 4px  
4px 4px #E34DA5; box-shadow:4px 4px 4px  
4px #E34DA5 }
```

# Background

The CSS property to change the background color of an element to Hex E34DA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34DA5 }
```

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

```
.background{ background-color:#E34DA5 }
```

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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