

Converting Colors

Hex(E68DE6)

Have a look what the booklet for
Hex(E68DE6) contains.

Hex(E68DE6)	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(E68DE6)

Conversions

Conversions Part 1

Format	Color
Hex	E68DE6
RGB	230, 141, 230
RGB Percent	90%, 55%, 90%
CMY	0.0980, 0.4471, 0.0980
CMYK	0.00, 0.39, 0.00, 0.10
HSL	300°, 64%, 73%
HSV	300°, 39%, 90%
XYZ	56.4409, 41.5859, 79.9150
YIQ	177.7570, 24.4750, 46.5470

Conversions

Conversions Part 2

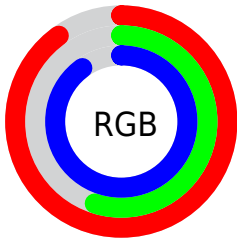
Format	Color
R _Y B	230, 141, 230
Decimal	15109606
CIE Lab	70.58, 47.05, -31.12
CIE LCh	71, 56.416, 326.518
Yxy	41.5859, 0.3172, 0.2337
Android (android.graphics.Color)	4293299686 (0xFFE68DE6)
YUV	177.7570, 25.7558, 45.8171
Hunter-Lab	64.4871, 43.3756, -28.3335

Details

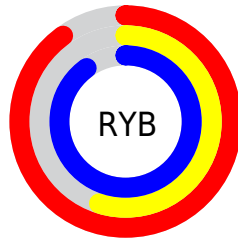
The Hex color **E68DE6** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8DE68D**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFC4FF**, and **AD58AE** is the 20% darker color. If you saturate the color by 10%, you get **E676E6**, and if you desaturate by 10%, it is **E6A4E6**.

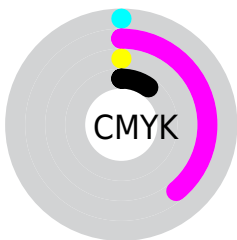
Distribution



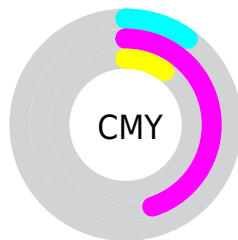
- Red (90%)
- Green (55%)
- Blue (90%)



- Red (90%)
- Yellow (55%)
- Blue (90%)



- Cyan (0%)
- Magenta (39%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color E68DE6 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 E68DE6 by changing the saturation by 10% instead.

 E68DE6

 E68DE6

FFFFFF

 C972CA

 FFC4FF

 AD58AE

 FFE1FF

 913E93

FFFEFF

 762379

 5C0160

 420048

 2C0031

 00001B

 000000

 E68DE6

 E68DE6

 E676E6

 E6A4E6

 E65FE6

 E6BBE6

 E648E6

 E6D2E6

 E631E6

 E6E9E6

 E61AE6

 E6FFE6

 E603E6

 E600E6

Harmonies

Analogous

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



A5A2FF



E68DE6



FF80B5

Triad

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



E68DE6



CFA841



00C6D9

Complementary

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



E68DE6



8DE68D

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.



00C6A5



E68DE6



9CB74C

Square

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



E68DE6



F59558



5BC172



00C0FF

Rectangle

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



E68DE6



FF8192



5BC172



00C6C8

Sweetspot

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



E68DE6



FFE0FF



8D8DE6



806E80



000000



808080

Same Dimension

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



E68DE6



FF8AFF



E68DBA



736773



B300B3



330033

Inverse Universe

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



E68DE6



FF8AFF



8DE6BA



736773



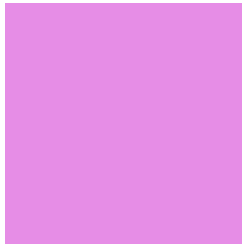
B300B3



330033

Previews

White Background



This preview shows how the Hex color E68DE6 looks on a white background.

Color Contrast Check

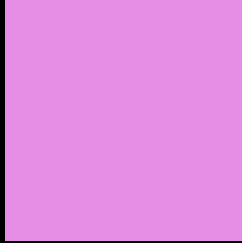
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E68DE6 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E68DE6 Background



This preview shows how black text looks on a background with the Hex color E68DE6.

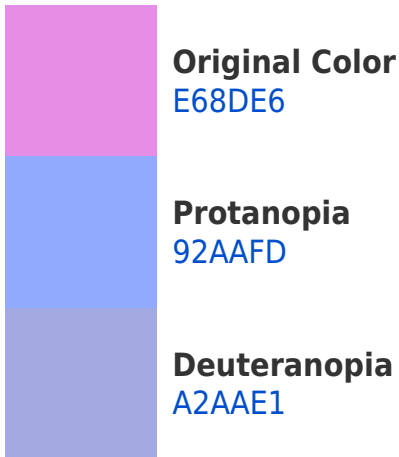



This preview shows how white text looks on a background with the Hex color E68DE6.

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
DE9AA6

Trichromacy



Original Color
E68DE6



Protanomaly
B19FF5



Deuteranomaly
BB9FE3



Tritanomaly
E195BD

Monochromacy



Original Color
E68DE6



Achromatopsia
B2B2B2



Achromatomaly
C5A5C5

CSS Examples

Text

The CSS property to change the color of the text to Hex E68DE6 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 #E68DE6 looks like.

```
.text, #text, p{  
    color:#E68DE6  
}
```

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 #E68DE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68DE6  
}
```

Border

The CSS property to change the border of an element to Hex E68DE6 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  
#E68DE6 }
```

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

```
.border{ border-color:#E68DE6 }
```

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

Here you see how a box with a 4 pixel #E68DE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68DE6; -webkit-box-shadow:4px 4px  
4px 4px #E68DE6; box-shadow:4px 4px 4px  
4px #E68DE6 }
```

Background

The CSS property to change the background color of an element to Hex E68DE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68DE6 }
```

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

```
.background{ background-color:#E68DE6 }
```

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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