

Converting Colors

Hex(E682D2)

Have a look what the booklet for
Hex(E682D2) contains.

Hex(E682D2)	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(E682D2)

Conversions

Conversions Part 1

Format	Color
Hex	E682D2
RGB	230, 130, 210
RGB Percent	90%, 51%, 82%
CMY	0.0980, 0.4902, 0.1765
CMYK	0.00, 0.43, 0.09, 0.10
HSL	312°, 67%, 71%
HSV	312°, 43%, 90%
XYZ	52.2486, 37.4414, 65.4459
YIQ	169.0200, 33.9200, 46.0800

Conversions

Conversions Part 2

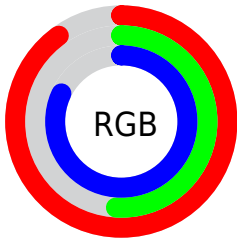
Format	Color
R_{YB}	230, 130, 210
Decimal	15106770
CIE _{Lab}	67.61, 49.22, -24.64
CIE _{LCh}	68, 55.037, 333.408
Yxy	37.4414, 0.3368, 0.2413
Android (android.graphics.Color)	4293296850 (0xFFE682D2)
YUV	169.0200, 20.2031, 53.4795
Hunter-Lab	61.1894, 45.3368, -20.5818

Details

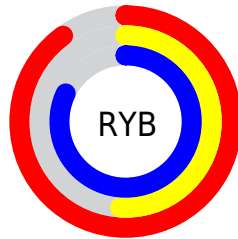
The Hex color **E682D2** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82E696**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB9FF**, and **AD4D9B** is the 20% darker color. If you saturate the color by 10%, you get **E66BCD**, and if you desaturate by 10%, it is **E699D7**.

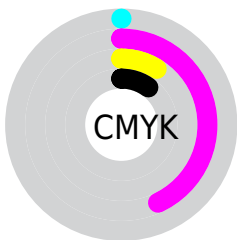
Distribution



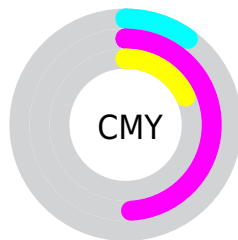
- Red (90%)
- Green (51%)
- Blue (82%)



- Red (90%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (43%)
- Yellow (9%)
- Black (10%)



- Cyan (10%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color E682D2 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 E682D2 by changing the saturation by 10% instead.

 E682D2

 E682D2


FFFFFF

 C967B6

 FFB9FF

 AD4D9B

 FFD6FF

 913281

 FFF3FF

 761468

 5B004F

 410038

 2A0023

 000008

 000000

 E682D2

 E682D2

 E66BCD

 E699D7

 E654C9

 E6B0DB

 E63DC4

 E6C7E0

 E626C0

 E6DEE4

 E60FBB

 E6F5E9

 E600B8

 E6FFEE

 E6FFF2

 E6FFF7

 E6FFFB

Harmonies

Analogous

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



AF95F8



E682D2



FF79A1

Triad

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



E682D2



BBA43C



00BCDA

Complementary

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



E682D2



82E696

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.



00BDA9



E682D2



88B24D

Square

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



E682D2



E4924B



40BA76



00B5FD

Rectangle

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



E682D2



FF7C80



40BA76



00BDCB

Sweetspot

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



E682D2



FFDEF8



9682E6



806B7B



000000



808080

Same Dimension

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



E682D2



FF7AE4



E682A0



736770



B3008F



330029

Inverse Universe

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



E682D2



FF7AE4



82E6C8



736770



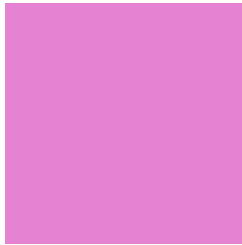
B3008F



330029

Previews

White Background



This preview shows how the Hex color E682D2 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

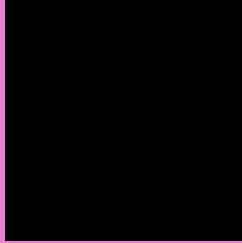
Any Text WCAG AA ✓ Pass

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 E682D2 Background



This preview shows how black text looks on a background with the Hex color E682D2.



This preview shows how white text looks on a background with the Hex color E682D2.

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
DF8E99

Trichromacy



Original Color
E682D2



Protanomaly
AF97E2



Deuteranomaly
BA96CE



Tritanomaly
E28AAE

Monochromacy



Original Color
E682D2



Achromatopsia
A9A9A9



Achromatomaly
BF9BB8

CSS Examples

Text

The CSS property to change the color of the text to Hex E682D2 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 #E682D2 looks like.

```
.text, #text, p{  
    color:#E682D2  
}
```

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 #E682D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E682D2
}
```

Border

The CSS property to change the border of an element to Hex E682D2 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
#E682D2 }
```

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

```
.border{ border-color:#E682D2 }
```

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

Here you see how a box with a 4 pixel #E682D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E682D2; -webkit-box-shadow:4px 4px  
4px 4px #E682D2; box-shadow:4px 4px 4px  
4px #E682D2 }
```

Background

The CSS property to change the background color of an element to Hex E682D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E682D2 }
```

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

```
.background{ background-color:#E682D2 }
```

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