

# Converting Colors

Hex(E691E3)

Have a look what the booklet for  
Hex(E691E3) contains.

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# **Color**

**Hex(E691E3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E691E3
RGB	230, 145, 227
RGB Percent	90%, 57%, 89%
CMY	0.0980, 0.4314, 0.1098
CMYK	0.00, 0.37, 0.01, 0.10
HSL	302°, 63%, 74%
HSV	302°, 37%, 90%
XYZ	56.6237, 42.6198, 77.9151
YIQ	179.7630, 24.3380, 43.5220

# Conversions

## Conversions Part 2

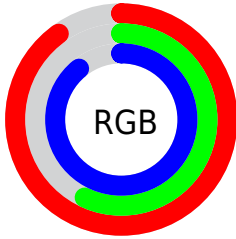
Format	Color
R <sub>YB</sub>	230, 145, 227
Decimal	15110627
CIE <sub>Lab</sub>	71.30, 44.44, -28.38
CIE <sub>LCh</sub>	71, 52.728, 327.439
Yxy	42.6198, 0.3196, 0.2406
Android (android.graphics.Color)	4293300707 (0xFFE691E3)
YUV	179.7630, 23.2878, 44.0578
Hunter-Lab	65.2839, 40.5743, -25.0628

# Details

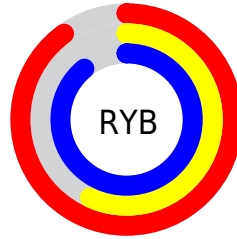
The Hex color **E691E3** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91E694**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFC8FF**, and **AD5CAB** is the 20% darker color. If you saturate the color by 10%, you get **E67AE2**, and if you desaturate by 10%, it is **E6A8E4**.

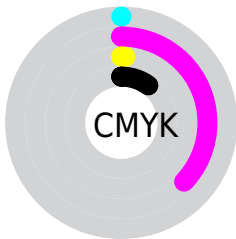
# Distribution



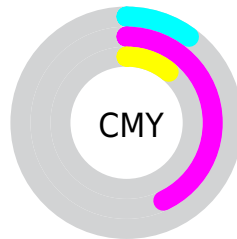
- Red (90%)
- Green (57%)
- Blue (89%)



- Red (90%)
- Yellow (57%)
- Blue (89%)



- Cyan (0%)
- Magenta (37%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (43%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E691E3 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 E691E3 by changing the saturation by 10% instead.



 E691E3

 E691E3

FFFFFF

 C976C7

 FFC8FF

 AD5CAB

 FFE5FF

 914391

 772977

 5C0A5E

 430046

 2D002F

 030019

 000000

 E691E3

 E691E3

 E67AE2

 E6A8E4

 E663E1

 E6BFE5

 E64CE1

 E6D6E5

 E635E0

 E6EDE6

 E61EDF

 E6FFE7

 E607DE

 E6FFE8

 E600DE

 E6FFE9

 E6FFEA

# Harmonies

## Analogous

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



ABA4FF



E691E3



FF86B5

# Triad

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



E691E3



CEAB4B



00C6D9

# Complementary

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



E691E3



91E694

# 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.



00C7A9



E691E3



9EB956

# Square

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



E691E3



F3995E



62C279



00C1FF

# Rectangle

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



E691E3



FF8794



62C279



00C7CA



# Sweetspot

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



E691E3



FFE3FE



9491E6



806F7F



000000



808080



# Same Dimension

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



E691E3



FF8FFB



E691B9



736772



B300AC



330031



# Inverse Universe

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



E691E3



FF8FFB



91E6BE



736772



B300AC

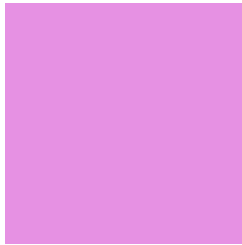


330031



# Previews

## White Background



This preview shows how the Hex color E691E3 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

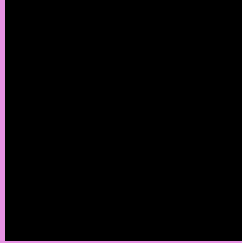
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E691E3 Background



This preview shows how black text looks on a background with the Hex color E691E3.

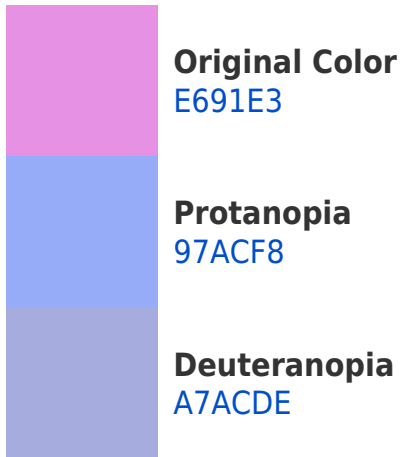


This preview shows how white text looks on a background with the Hex color E691E3.

# 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**  
DE9DA9

# Trichromacy



**Original Color**  
E691E3



**Protanomaly**  
B4A2F0



**Deuteranomaly**  
BEA2E0



**Tritanomaly**  
E199BE

# Monochromacy



**Original Color**  
E691E3



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
C6A7C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E691E3 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 #E691E3 looks like.

```
.text, #text, p{  
    color:#E691E3  
}
```

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 #E691E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E691E3
}
```

## Border

The CSS property to change the border of an element to Hex E691E3 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
#E691E3 }
```

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

```
.border{ border-color:#E691E3 }
```

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

Here you see how a box with a 4 pixel #E691E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E691E3; -webkit-box-shadow:4px 4px  
4px 4px #E691E3; box-shadow:4px 4px 4px  
4px #E691E3 }
```

# Background

The CSS property to change the background color of an element to Hex E691E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E691E3 }
```

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

```
.background{ background-color:#E691E3 }
```

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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