

# Converting Colors

Hex(E602D9)

Have a look what the booklet for  
Hex(E602D9) contains.

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**Color**

**Hex(E602D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E602D9
RGB	230, 2, 217
RGB Percent	90%, 1%, 85%
CMY	0.0980, 0.9922, 0.1490
CMYK	0.00, 0.99, 0.06, 0.10
HSL	303°, 98%, 45%
HSV	303°, 99%, 90%
XYZ	45.1792, 21.8762, 67.4870
YIQ	94.6820, 66.8730, 115.2010

# Conversions

## Conversions Part 2

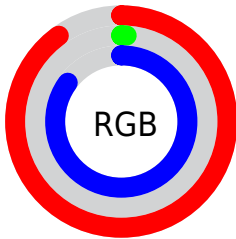
Format	Color
R <sub>Y</sub> B	230, 2, 217
Decimal	15074009
CIE Lab	53.90, 88.94, -50.01
CIE LCh	54, 102.039, 330.650
Yxy	21.8762, 0.3358, 0.1626
Android (android.graphics.Color)	4293264089 (0xFFE602D9)
YUV	94.6820, 60.3028, 118.6739
Hunter-Lab	46.7720, 90.5705, -52.8088

# Details

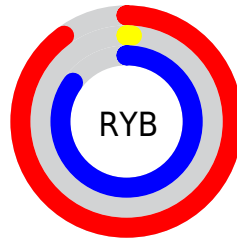
The Hex color **E602D9** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **02E60F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF63FF**, and **A900A1** is the 20% darker color. If you saturate the color by 10%, you get **E600D9**, and if you desaturate by 10%, it is **E619DA**.

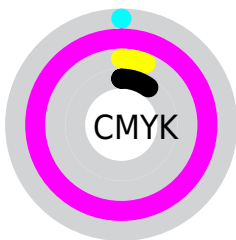
# Distribution



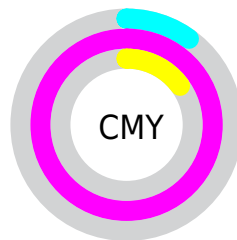
- Red (90%)
- Green (1%)
- Blue (85%)



- Red (90%)
- Yellow (1%)
- Blue (85%)



- Cyan (0%)
- Magenta (99%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (99%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E602D9 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 E602D9 by changing the saturation by 10% instead.



 E602D9

 E602D9

FFFFFF

 C800BD

 FF63FF

 A900A1

 FF83FF

 8C0087

 FFA2FF

 6E006D

 FFC0FF

 520054

 FFDFFF

 35003B

FFFEFF

 140025

 00000C

 000000

 E602D9

 E602D9

 E600D9

 E619DA

 E630DC

 E647DD

 E65EDE

 E675E0

 E68CE1

 E6A3E2

 E6BAE3

 E6D1E5

# Harmonies

## Analogous

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



6767FF



E602D9



FF0083

# Triad

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



E602D9



9B7F00



00A3DA

# Complementary

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



E602D9



02E60F

# 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.



00A281



E602D9



3B9400

# Square

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



E602D9



DE5500



009E19



009FFF

# Rectangle

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



E602D9



FF004A



009E19



00A3BD



# Sweetspot

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



E602D9



FFB3FB



0D02E6



80527D



000000



808080



# Same Dimension

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



E602D9



FF00F0



E60269



736772



B300A8



330030



# Inverse Universe

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



E602D9



FF00F0



02E67F



736772



B300A8



330030



# Previews

## White Background



This preview shows how the Hex color E602D9 looks on a white background.

## Color Contrast Check

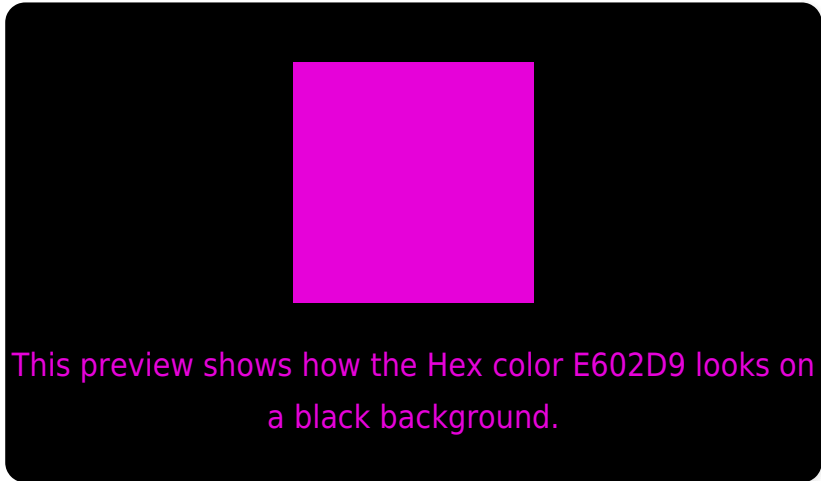
Large Text (above 18pt) WCAG AA ✓ Pass

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

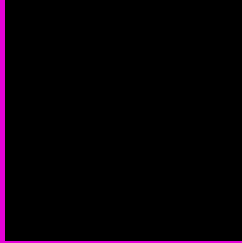
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E602D9 Background



This preview shows how black text looks on a background with the Hex color E602D9.

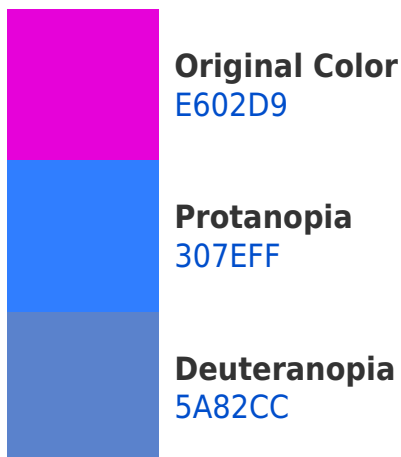


This preview shows how white text looks on a background with the Hex color E602D9.

# 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**  
D9555B

# Trichromacy



**Original Color**  
E602D9



**Protanomaly**  
7251F1



**Deuteranomaly**  
8D53D1



**Tritanomaly**  
DE3789

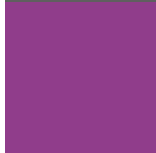
# Monochromacy



**Original Color**  
E602D9



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
903D8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E602D9 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 #E602D9 looks like.

```
.text, #text, p{  
    color:#E602D9  
}
```

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 #E602D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E602D9
}
```

## Border

The CSS property to change the border of an element to Hex E602D9 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
#E602D9 }
```

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

```
.border{ border-color:#E602D9 }
```

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

Here you see how a box with a 4 pixel #E602D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E602D9; -webkit-box-shadow:4px 4px  
4px 4px #E602D9; box-shadow:4px 4px 4px  
4px #E602D9 }
```

# Background

The CSS property to change the background color of an element to Hex E602D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E602D9 }
```

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

```
.background{ background-color:#E602D9 }
```

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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