

# Converting Colors

Hex(E26CD9)

Have a look what the booklet for  
Hex(E26CD9) contains.

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# Color

Hex(E26CD9)

# Conversions

## Conversions Part 1

Format	Color
Hex	E26CD9
RGB	226, 108, 217
RGB Percent	89%, 42%, 85%
CMY	0.1137, 0.5765, 0.1490
CMYK	0.00, 0.52, 0.04, 0.11
HSL	305°, 67%, 65%
HSV	305°, 52%, 89%
XYZ	49.2510, 31.9036, 69.2078
YIQ	155.7080, 35.3390, 58.9150

# Conversions

## Conversions Part 2

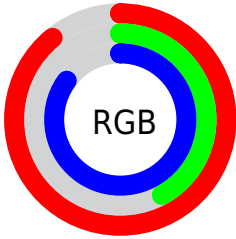
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 108, 217
Decimal	14839001
CIE <sub>Lab</sub>	63.26, 59.95, -35.30
CIE <sub>LCh</sub>	63, 69.571, 329.510
Yxy	31.9036, 0.3275, 0.2122
Android (android.graphics.Color)	4293029081 (0xFFE26CD9)
YUV	155.7080, 30.2170, 61.6461
Hunter-Lab	56.4833, 56.7985, -33.1085

# Details

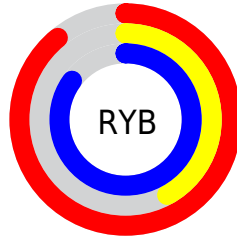
The Hex color **E26CD9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6CE275**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA4FF**, and **A833A2** is the 20% darker color. If you saturate the color by 10%, you get **E255D7**, and if you desaturate by 10%, it is **E283DB**.

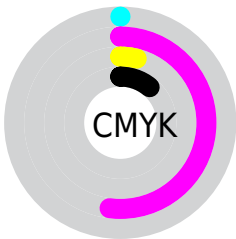
# Distribution



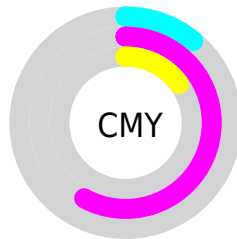
- Red (89%)
- Green (42%)
- Blue (85%)



- Red (89%)
- Yellow (42%)
- Blue (85%)



- Cyan (0%)
- Magenta (52%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (58%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E26CD9 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 E26CD9 by changing the saturation by 10% instead.



 E26CD9

 E26CD9

FFFFFF

 C550BD

 FFA4FF

 A833A2

 FFC0FF

 8C0F87

 FFDDFF

 70006D

 FFFBFF

 550055

 3C003D

 210026

 00010F

 000000

 E26CD9

 E26CD9

 E255D7

 E283DB

 E23FD6

 E299DC

 E228D4

 E2B0DE

 E212D2

 E2C6E0

 E200D1

 E2DDE2

 E2F4E3

 E2FFE5

 E2FFE7

 E2FFE9

# Harmonies

## Analogous

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



9489FF



E26CD9



FF599D

# Triad

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



E26CD9



B89600



00B5D5

# Complementary

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



E26CD9



6CE275

# 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.



00B596



E26CD9



7AA71B

# Square

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



E26CD9



E77D29



00B157



00AFFF

# Rectangle

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



E26CD9



FF5D74



00B157



00B6C1



# Sweetspot

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



E26CD9



FFD6FC



746CE2



80677E



000000



808080



# Same Dimension

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



E26CD9



FF5EF3



E26C9F



70656F



B000A3



30002D



# Inverse Universe

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



E26CD9



FF5EF3



6CE2AF



70656F



B000A3



30002D



# Previews

## White Background



This preview shows how the Hex color E26CD9 looks on a white background.

## Color Contrast Check

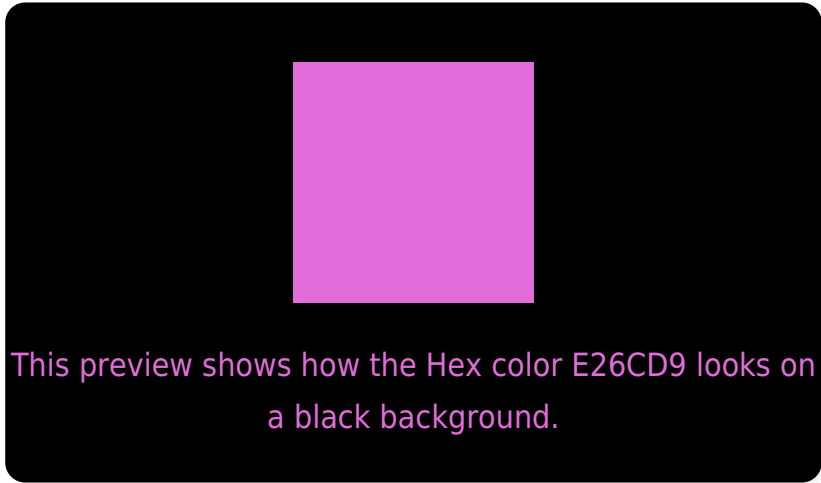
Large Text (above 18pt) WCAG AA × Fail

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 E26CD9 Background



This preview shows how black text looks on a background with the Hex color E26CD9.

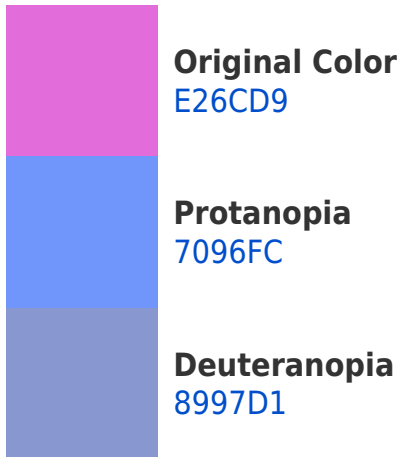


This preview shows how white text looks on a background with the Hex color E26CD9.

# 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](#).

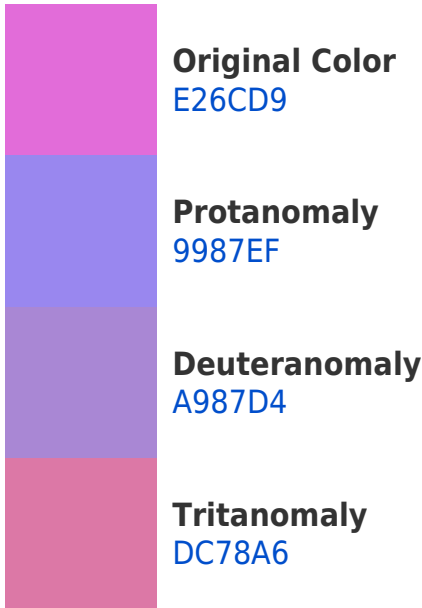
## Dichromacy





**Tritanopia**  
D97F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E26CD9 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 #E26CD9 looks like.

```
.text, #text, p{  
    color:#E26CD9  
}
```

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 #E26CD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E26CD9
}
```

## Border

The CSS property to change the border of an element to Hex E26CD9 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
#E26CD9 }
```

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

```
.border{ border-color:#E26CD9 }
```

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

Here you see how a box with a 4 pixel #E26CD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E26CD9; -webkit-box-shadow:4px 4px  
4px 4px #E26CD9; box-shadow:4px 4px 4px  
4px #E26CD9 }
```

# Background

The CSS property to change the background color of an element to Hex E26CD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E26CD9 }
```

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

```
.background{ background-color:#E26CD9 }
```

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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