

# Converting Colors

Hex(E266B0)

Have a look what the booklet for  
Hex(E266B0) contains.

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# **Color**

**Hex(E266B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E266B0
RGB	226, 102, 176
RGB Percent	89%, 40%, 69%
CMY	0.1137, 0.6000, 0.3098
CMYK	0.00, 0.55, 0.22, 0.11
HSL	324°, 68%, 64%
HSV	324°, 55%, 89%
XYZ	43.9519, 28.8061, 44.3179
YIQ	147.5120, 50.1500, 49.3020

# Conversions

## Conversions Part 2

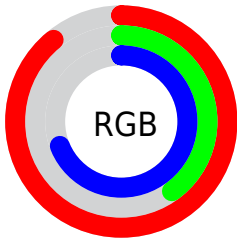
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 102, 176
Decimal	14837424
CIE Lab	60.61, 56.43, -16.13
CIE LCh	61, 58.693, 344.046
Yxy	28.8061, 0.3754, 0.2460
Android (android.graphics.Color)	4293027504 (0xFFE266B0)
YUV	147.5120, 14.0446, 68.8340
Hunter-Lab	53.6713, 52.2504, -11.3875

# Details

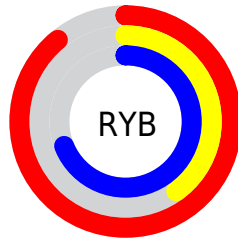
The Hex color **E266B0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **66E298**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF9DE8**, and **A82D7B** is the 20% darker color. If you saturate the color by 10%, you get **E24FA7**, and if you desaturate by 10%, it is **E27DB9**.

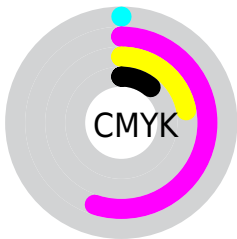
# Distribution



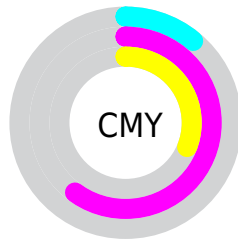
- Red (89%)
- Green (40%)
- Blue (69%)



- Red (89%)
- Yellow (40%)
- Blue (69%)



- Cyan (0%)
- Magenta (55%)
- Yellow (22%)
- Black (11%)



- Cyan (11%)
- Magenta (60%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E266B0 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 E266B0 by changing the saturation by 10% instead.



 E266B0

 E266B0

FFFFFF

 C54A95

 FF9DE8

 A82D7B

 FFBAFF

 8B0462

 FFD7FF

 6F004A

 FFF4FF

 540034

 3C001F

 1D0001

 000000

 E266B0

 E266B0

 E24FA7

 E27DB9

 E2399E

 E293C2

 E22295

 E2AACB

 E20C8C

 E2C0D4

 E20087

 E2D7DE

 E2EEE7

 E2FFF0

 E2FFF9

 E2FFFF

# Harmonies

## Analogous

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



B47ADD



E266B0



F1627C

# Triad

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



E266B0



969722



00A8D9

# Complementary

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



E266B0



66E298

# 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.



00ABAA



E266B0



5BA343

# Square

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



E266B0



C48628



00A974



00A0F6

# Rectangle

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



E266B0



EB6A5B



00A974



00AACB



# Sweetspot

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



E266B0



FFD6EF



9866E2



806776



000000



808080



# Same Dimension

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



E266B0



FF57BB



E26672



70656C



B00069



30001D



# Inverse Universe

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



E266B0



FF57BB



66E2D6



70656C



B00069



30001D



# Previews

## White Background



This preview shows how the Hex color E266B0 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 E266B0 Background



This preview shows how black text looks on a background with the Hex color E266B0.

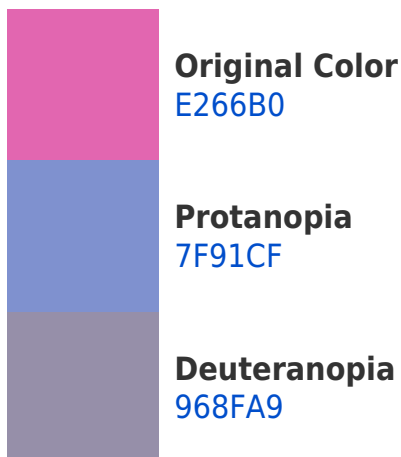


This preview shows how white text looks on a background with the Hex color E266B0.

# Color Blindness Simulation

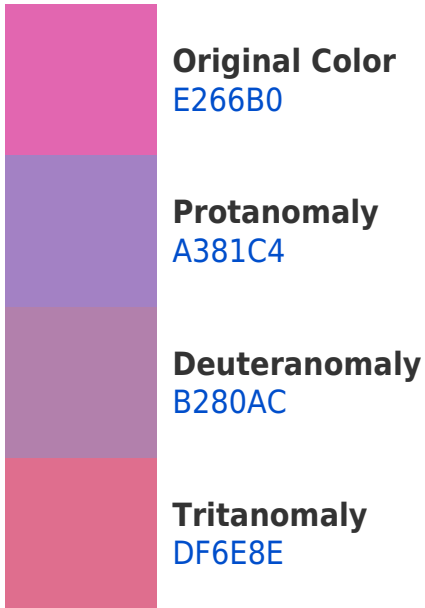
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E266B0 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 #E266B0 looks like.

```
.text, #text, p{  
    color:#E266B0  
}
```

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 #E266B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E266B0
}
```

## Border

The CSS property to change the border of an element to Hex E266B0 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
#E266B0 }
```

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

```
.border{ border-color:#E266B0 }
```

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

Here you see how a box with a 4 pixel #E266B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E266B0; -webkit-box-shadow:4px 4px  
4px 4px #E266B0; box-shadow:4px 4px 4px  
4px #E266B0 }
```

# Background

The CSS property to change the background color of an element to Hex E266B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E266B0 }
```

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

```
.background{ background-color:#E266B0 }
```

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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