

# Converting Colors

Hex(E166A8)

Have a look what the booklet for  
Hex(E166A8) contains.

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# **Color**

**Hex(E166A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E166A8
RGB	225, 102, 168
RGB Percent	88%, 40%, 66%
CMY	0.1176, 0.6000, 0.3412
CMYK	0.00, 0.55, 0.25, 0.12
HSL	328°, 67%, 64%
HSV	328°, 55%, 88%
XYZ	42.8706, 28.3374, 40.2559
YIQ	146.3010, 52.1220, 46.6020

# Conversions

## Conversions Part 2

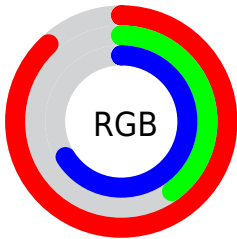
Format	Color
<a href="#">RYB</a>	<a href="#">225, 102, 168</a>
Decimal	<a href="#">14771880</a>
CIELab	<a href="#">60.19, 55.04, -12.18</a>
CIElCh	<a href="#">60, 56.367, 347.523</a>
Yxy	<a href="#">28.3374, 0.3846, 0.2542</a>
Android (android.graphics.Color)	<a href="#">4292961960</a> ( <a href="#">0xFFE166A8</a> )
YUV	<a href="#">146.3010, 10.6976, 69.0190</a>
Hunter-Lab	<a href="#">53.2329, 50.5955, -7.5734</a>

# Details

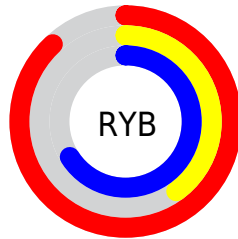
The Hex color **E166A8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **66E19F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF9DDF**, and **A72E74** is the 20% darker color. If you saturate the color by 10%, you get **E1509E**, and if you desaturate by 10%, it is **E17DB2**.

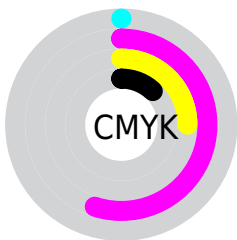
# Distribution



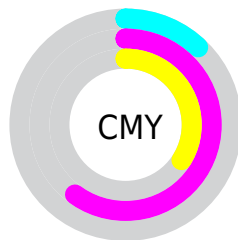
- Red (88%)
- Green (40%)
- Blue (66%)



- Red (88%)
- Yellow (40%)
- Blue (66%)



- Cyan (0%)
- Magenta (55%)
- Yellow (25%)
- Black (12%)




- Cyan (12%)
- Magenta (60%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E166A8 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 E166A8 by changing the saturation by 10% instead.



 E166A8

 E166A8

FFFFFF

 C44B8E

 FF9DDF

 A72E74

 FFB9FC

 8A065B

 FFD6FF

 6E0044

 FFF3FF

 53002D

 3B001A

 1A0001

 000000

 E166A8

 E166A8

 E1509E

 E17DB2

 E13993

 E193BD

 E12389

 E1AAC7

 E10C7E

 E1C0D2

 E10079

 E1D7DC

 E1EDE7

 E1FFF1

 E1FFFB

 E1FFFF

# Harmonies

## Analogous

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



B977D5



E166A8



EC6576

# Triad

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



E166A8



909729



00A6D9

# Complementary

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



E166A8



66E19F

# 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.



00A9AD



E166A8



55A24A

# Square

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



E166A8



BD872A



00A87A



009DF2

# Rectangle

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



E166A8



E56D57



00A87A



00A8CC



# Sweetspot

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



E166A8



FFD6EC



9D66E1



806774



000000



808080



# Same Dimension

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



E166A8



FF57B1



E1666C



70656B



B0005E



30001A



# Inverse Universe

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



E166A8



FF57B1



66E1DB



70656B



B0005E



30001A



# Previews

## White Background



This preview shows how the Hex color E166A8 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 E166A8 Background



This preview shows how black text looks on a background with the Hex color E166A8.

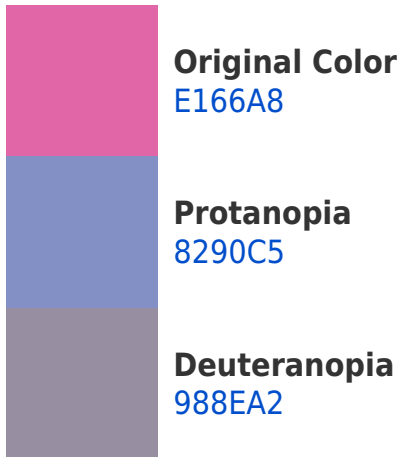


This preview shows how white text looks on a background with the Hex color E166A8.

# Color Blindness Simulation

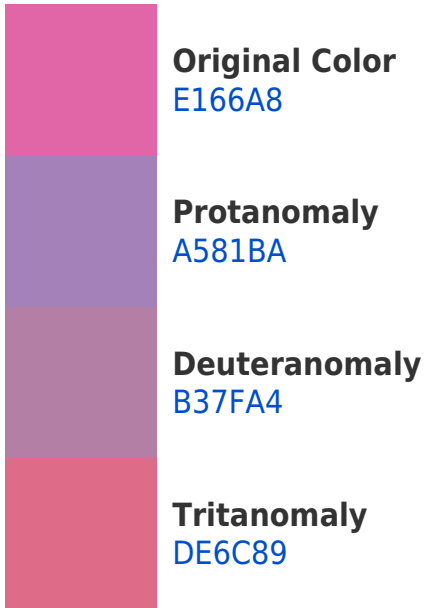
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E166A8 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 #E166A8 looks like.

```
.text, #text, p{  
    color:#E166A8  
}
```

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 #E166A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E166A8
}
```

## Border

The CSS property to change the border of an element to Hex E166A8 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
#E166A8 }
```

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

```
.border{ border-color:#E166A8 }
```

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

Here you see how a box with a 4 pixel #E166A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E166A8; -webkit-box-shadow:4px 4px  
4px 4px #E166A8; box-shadow:4px 4px 4px  
4px #E166A8 }
```

# Background

The CSS property to change the background color of an element to Hex E166A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E166A8 }
```

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

```
.background{ background-color:#E166A8 }
```

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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