

# Converting Colors

Hex(E066AC)

Have a look what the booklet for  
Hex(E066AC) contains.

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# **Color**

**Hex(E066AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E066AC
RGB	224, 102, 172
RGB Percent	88%, 40%, 67%
CMY	0.1216, 0.6000, 0.3255
CMYK	0.00, 0.54, 0.23, 0.12
HSL	326°, 66%, 64%
HSV	326°, 54%, 88%
XYZ	42.9382, 28.3286, 42.2346
YIQ	146.4580, 50.2420, 47.6340

# Conversions

## Conversions Part 2

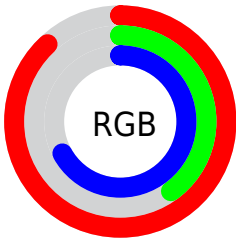
Format	Color
<a href="#">RYB</a>	<a href="#">224, 102, 172</a>
Decimal	<a href="#">14706348</a>
CIELab	<a href="#">60.18, 55.27, -14.51</a>
CIElCh	<a href="#">60, 57.144, 345.294</a>
Yxy	<a href="#">28.3286, 0.3783, 0.2496</a>
Android (android.graphics.Color)	<a href="#">4292896428 (0xFFE066AC)</a>
YUV	<a href="#">146.4580, 12.5922, 68.0043</a>
Hunter-Lab	<a href="#">53.2246, 50.8594, -9.7904</a>

# Details

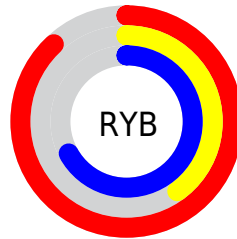
The Hex color **E066AC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **66E09A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF9DE3**, and **A62E78** is the 20% darker color. If you saturate the color by 10%, you get **E050A2**, and if you desaturate by 10%, it is **E07CB6**.

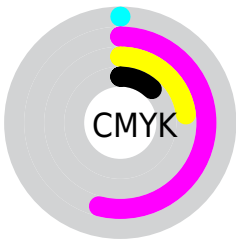
# Distribution



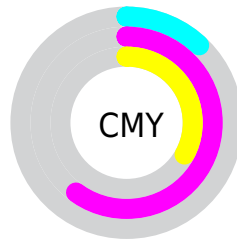
- Red (88%)
- Green (40%)
- Blue (67%)



- Red (88%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (54%)
- Yellow (23%)
- Black (12%)



- Cyan (12%)
- Magenta (60%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E066AC 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 E066AC by changing the saturation by 10% instead.



 E066AC

 E066AC

FFFFFF

 C34B91

 FF9DE3

 A62E78

 FFB9FF

 89065F

 FFD6FF

 6E0047

 FFF3FF

 520031

 3A001C

 1A0001

 000000

 E066AC

 E066AC

 E050A2

 E07CB6

 E03999

 E093BF

 E0238F

 E0A9C9

 E00C86

 E0C0D2

 E00081

 E0D6DC

 E0ECE5

 E0FFEF

 E0FFF8

 E0FFFF

# Harmonies

## Analogous

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



B579D8



E066AC



ED6379

# Triad

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



E066AC



939726



00A6D8

# Complementary

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



E066AC



66E09A

# 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.



00A9AA



E066AC



59A246

# Square

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



E066AC



C08629



00A876



009EF2

# Rectangle

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



E066AC



E76B5A



00A876



00A8CA



# Sweetspot

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



E066AC



FFD6EE



9966E0



806775



000000



808080



# Same Dimension

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



E066AC



FF59B8



E06670



70656B



B00065



30001C



# Inverse Universe

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



E066AC



FF59B8



66E0D6



70656B



B00065



30001C



# Previews

## White Background



This preview shows how the Hex color E066AC 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 E066AC Background



This preview shows how black text looks on a background with the Hex color E066AC.

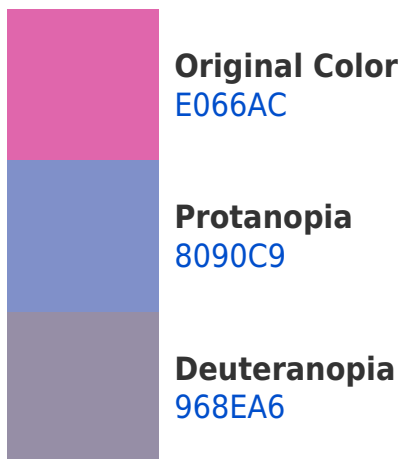


This preview shows how white text looks on a background with the Hex color E066AC.

# 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**  
DB7179

# Trichromacy



**Original Color**  
E066AC



**Protanomaly**  
A381BE



**Deuteranomaly**  
B17FA8

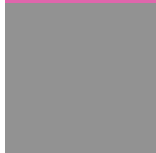


**Tritanomaly**  
DD6D8C

# Monochromacy



**Original Color**  
E066AC



**Achromatopsia**  
929292



**Achromatomaly**  
AE829B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E066AC 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 #E066AC looks like.

```
.text, #text, p{  
    color:#E066AC  
}
```

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 #E066AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E066AC }  
}
```

## Border

The CSS property to change the border of an element to Hex E066AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

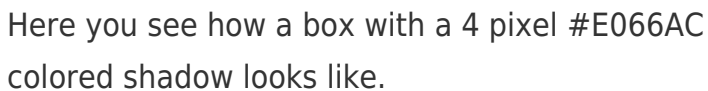
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E066AC }  
}
```

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

```
.border{ border-color:#E066AC }
```

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



Here you see how a box with a 4 pixel #E066AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E066AC; -webkit-box-shadow:4px 4px  
4px 4px #E066AC; box-shadow:4px 4px 4px  
4px #E066AC }
```

# Background

The CSS property to change the background color of an element to Hex E066AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E066AC }
```

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

```
.background{ background-color:#E066AC }
```

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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