

Converting Colors

Hex(E366CC)

Have a look what the booklet for
Hex(E366CC) contains.

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Color

Hex(E366CC)

Conversions

Conversions Part 1

Format	Color
Hex	E366CC
RGB	227, 102, 204
RGB Percent	89%, 40%, 80%
CMY	0.1098, 0.6000, 0.2000
CMYK	0.00, 0.55, 0.10, 0.11
HSL	311°, 69%, 65%
HSV	311°, 55%, 89%
XYZ	47.3290, 30.1933, 60.4601
YIQ	151.0030, 41.7580, 58.2220

Conversions

Conversions Part 2

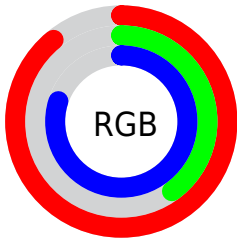
Format	Color
R _Y B	227, 102, 204
Decimal	14902988
CIE Lab	61.82, 60.87, -30.21
CIE LCh	62, 67.960, 333.604
Yxy	30.1933, 0.3430, 0.2188
Android (android.graphics.Color)	4293093068 (0xFFE366CC)
YUV	151.0030, 26.1275, 66.6494
Hunter-Lab	54.9484, 57.5887, -26.7733

Details

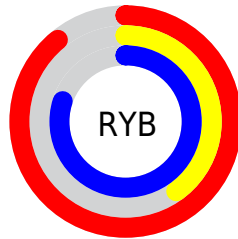
The Hex color **E366CC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **66E37D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FF9EFF**, and **A92C95** is the 20% darker color. If you saturate the color by 10%, you get **E34FC8**, and if you desaturate by 10%, it is **E37DD0**.

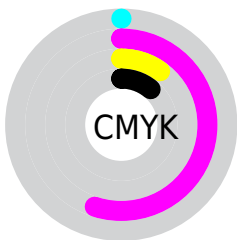
Distribution



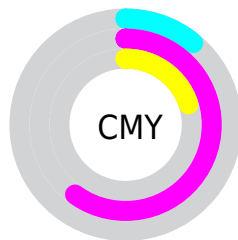
- Red (89%)
- Green (40%)
- Blue (80%)



- Red (89%)
- Yellow (40%)
- Blue (80%)



- Cyan (0%)
- Magenta (55%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color E366CC 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 E366CC by changing the saturation by 10% instead.

 E366CC

 E366CC

FFFFFF

 C64AB0

 FF9EFF

 A92C95

 FFBAFF

 8C007B

 FFD7FF

 710062

 FFF5FF

 56004A

 3C0033

 20001D

 000000

 E366CC

 E366CC

 E34FC8

 E37DD0

 E339C4

 E393D4

 E322BF

 E3AAD9

 E30BBB

 E3C1DD

 E300B9

 E3D8E1

 E3EEE5

 E3FFE9

 E3FFED

 E3FFF2

Harmonies

Analogous

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



9E82FA



E366CC



FF5791

Triad

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



E366CC



AC9500



00B0D7

Complementary

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



E366CC



66E37D

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.



00B19B



E366CC



6EA523

Square

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



E366CC



DC7E22



00AD5D



00A9FF

Rectangle

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



E366CC



FF5D69



00AD5D



00B1C4

Sweetspot

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



E366CC



FFD4F7



7D66E3



80667B



000000



808080

Same Dimension

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



E366CC



FF57E0



E3668E



736771



B30092



33002A

Inverse Universe

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



E366CC



FF57E0



66E3BB



736771



B30092



33002A

Previews

White Background



This preview shows how the Hex color E366CC 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 E366CC Background



This preview shows how black text looks on a background with the Hex color E366CC.



This preview shows how white text looks on a background with the Hex color E366CC.

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](#).

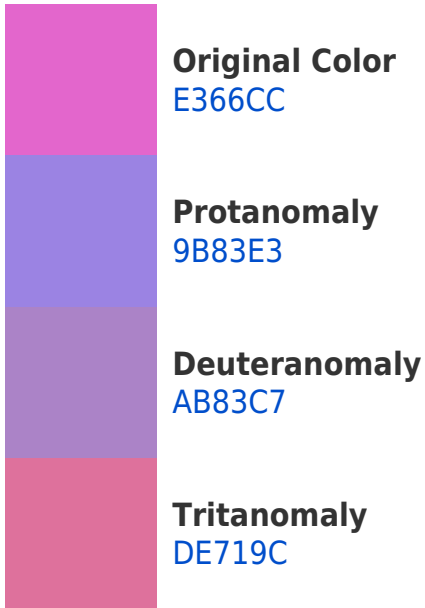
Dichromacy





Tritanopia
DB7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E366CC 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 #E366CC looks like.

```
.text, #text, p{  
    color:#E366CC  
}
```

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 #E366CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E366CC }
}
```

Border

The CSS property to change the border of an element to Hex E366CC 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 #E366CC }
}
```

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

```
.border{ border-color:#E366CC }
```

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

Here you see how a box with a 4 pixel #E366CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E366CC; -webkit-box-shadow:4px 4px  
4px 4px #E366CC; box-shadow:4px 4px 4px  
4px #E366CC }
```

Background

The CSS property to change the background color of an element to Hex E366CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E366CC }
```

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

```
.background{ background-color:#E366CC }
```

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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