

Converting Colors

Hex(E66AC5)

Have a look what the booklet for
Hex(E66AC5) contains.

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Color

Hex(E66AC5)

Conversions

Conversions Part 1

Format	Color
Hex	E66AC5
RGB	230, 106, 197
RGB Percent	90%, 42%, 77%
CMY	0.0980, 0.5843, 0.2275
CMYK	0.00, 0.54, 0.14, 0.10
HSL	316°, 71%, 66%
HSV	316°, 54%, 90%
XYZ	47.8652, 31.1623, 56.3155
YIQ	153.4500, 44.6930, 54.5890

Conversions

Conversions Part 2

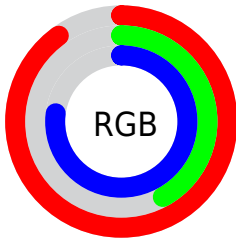
Format	Color
R _{YB}	230, 106, 197
Decimal	15100613
CIE _{Lab}	62.64, 58.81, -24.95
CIE _{LCh}	63, 63.887, 337.015
Yxy	31.1623, 0.3537, 0.2302
Android (android.graphics.Color)	4293290693 (0xFFE66AC5)
YUV	153.4500, 21.4702, 67.1344
Hunter-Lab	55.8232, 55.3630, -20.7366

Details

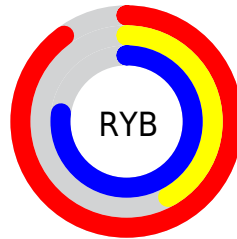
The Hex color **E66AC5** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6AE68B**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA2FE**, and **AC318F** is the 20% darker color. If you saturate the color by 10%, you get **E653BF**, and if you desaturate by 10%, it is **E681CB**.

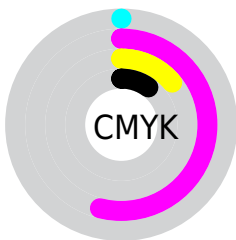
Distribution



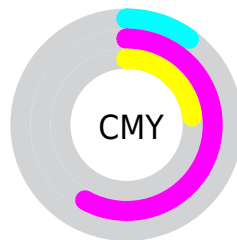
- Red (90%)
- Green (42%)
- Blue (77%)



- Red (90%)
- Yellow (42%)
- Blue (77%)



- Cyan (0%)
- Magenta (54%)
- Yellow (14%)
- Black (10%)



- Cyan (10%)
- Magenta (58%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color E66AC5 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 E66AC5 by changing the saturation by 10% instead.

 E66AC5

 E66AC5

FFFFFF

 C94EAA

 FFA2FE

 AC318F

 FFBEFF

 8F0A75

 FFDBFF

 74005C

 FFF9FF

 580044

 3F002E

 230019

 000000

 E66AC5

 E66AC5

 E653BF

 E681CB

 E63CB9

 E698D1

 E625B3

 E6AFD7

 E60EAD

 E6C6DD

 E600A9

 E6DDE4

 E6F4EA

 E6FFF0

 E6FFF6

 E6FFFC

Harmonies

Analogous

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



AB82F3



E66AC5



FD608C

Triad

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



E66AC5



A89912



00B1DB

Complementary

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



E66AC5



6AE68B

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.



00B2A4



E66AC5



6CA735

Square

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



E66AC5



D78429



00AF69



00A9FF

Rectangle

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



E66AC5



FB6667



00AF69



00B2CA

Sweetspot

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



E66AC5



FFD6F4



896AE6



806779



000000



808080

Same Dimension

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



E66AC5



FF59D3



E66A89



736770



B30083



330025

Inverse Universe

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



E66AC5



FF59D3



6AE6C7



736770



B30083



330025

Previews

White Background



This preview shows how the Hex color E66AC5 looks on a white background.

Color Contrast Check

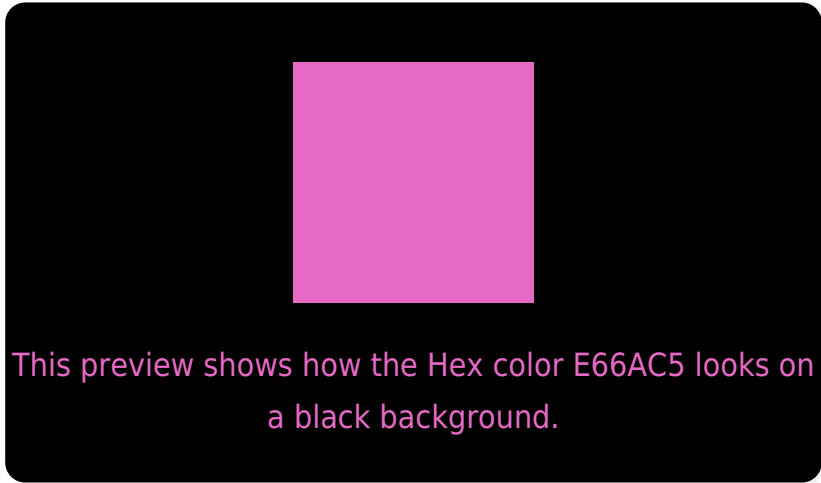
Large Text (above 18pt) WCAG AA × Fail

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 E66AC5 Background



This preview shows how black text looks on a background with the Hex color E66AC5.



This preview shows how white text looks on a background with the Hex color E66AC5.

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](#).

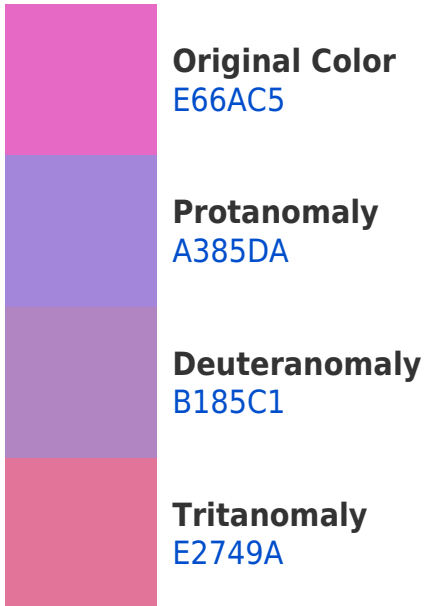
Dichromacy



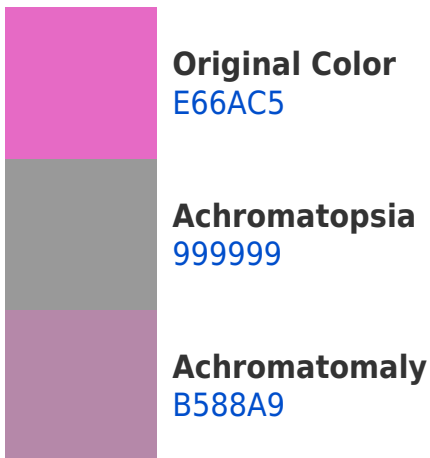


Tritanopia
DF7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E66AC5 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 #E66AC5 looks like.

```
.text, #text, p{  
    color:#E66AC5  
}
```

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 #E66AC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E66AC5
}
```

Border

The CSS property to change the border of an element to Hex E66AC5 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
#E66AC5 }
```

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

```
.border{ border-color:#E66AC5 }
```

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

Here you see how a box with a 4 pixel #E66AC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E66AC5; -webkit-box-shadow:4px 4px  
4px 4px #E66AC5; box-shadow:4px 4px 4px  
4px #E66AC5 }
```

Background

The CSS property to change the background color of an element to Hex E66AC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E66AC5 }
```

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

```
.background{ background-color:#E66AC5 }
```

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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