

Converting Colors

Hex(E168D5)

Have a look what the booklet for
Hex(E168D5) contains.

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Color

Hex(E168D5)

Conversions

Conversions Part 1

Format	Color
Hex	E168D5
RGB	225, 104, 213
RGB Percent	88%, 41%, 84%
CMY	0.1176, 0.5922, 0.1647
CMYK	0.00, 0.54, 0.05, 0.12
HSL	306°, 67%, 65%
HSV	306°, 54%, 88%
XYZ	48.0119, 30.7123, 66.3483
YIQ	152.6050, 37.1270, 59.5510

Conversions

Conversions Part 2

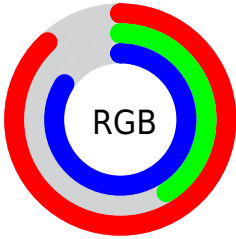
Format	Color
R _Y B	225, 104, 213
Decimal	14772437
CIE Lab	62.26, 60.86, -34.62
CIE LCh	62, 70.018, 330.366
Yxy	30.7123, 0.3310, 0.2117
Android (android.graphics.Color)	4292962517 (0xFFE168D5)
YUV	152.6050, 29.7747, 63.4904
Hunter-Lab	55.4187, 57.6606, -32.1901

Details

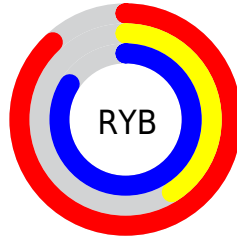
The Hex color **E168D5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **68E174**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA0FF**, and **A72E9E** is the 20% darker color. If you saturate the color by 10%, you get **E152D3**, and if you desaturate by 10%, it is **E17ED7**.

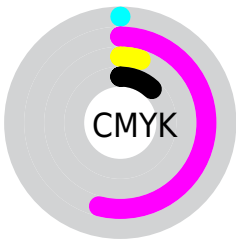
Distribution



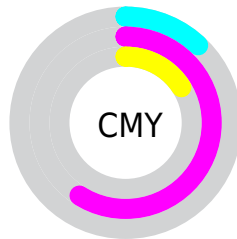
- Red (88%)
- Green (41%)
- Blue (84%)



- Red (88%)
- Yellow (41%)
- Blue (84%)



- Cyan (0%)
- Magenta (54%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (59%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color E168D5 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 E168D5 by changing the saturation by 10% instead.

 E168D5

 E168D5

FFFFFF

 C44CB9

 FFA0FF

 A72E9E

 FFBCFF

 8B0484

 FFD9FF

 6F006A

 FFF7FF

 540051

 3B003A

 1F0023

 00000A

 000000

 E168D5

 E168D5

 E152D3

 E17ED7

 E13BD1

 E195D9

 E125CE

 E1ACDC

 E10ECC

 E1C2DE

 E100CB

 E1D9E0

 E1EFE2

 E1FFE5

 E1FFE7

 E1FFE9

Harmonies

Analogous

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



9486FF



E168D5



FF5598

Triad

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



E168D5



B39400



00B2D4

Complementary

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



E168D5



68E174

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.



00B395



E168D5



75A517

Square

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



E168D5



E37B24



00AF55



00ACFF

Rectangle

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



E168D5



FF5A6F



00AF55



00B3C0

Sweetspot

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



E168D5



FFD6FB



7268E1



80677D



000000



808080

Same Dimension

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



E168D5



FF59EF



E1689A



70656F



B0009F



30002C

Inverse Universe

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



E168D5



FF59EF



68E1AF



70656F



B0009F



30002C

Previews

White Background



This preview shows how the Hex color E168D5 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

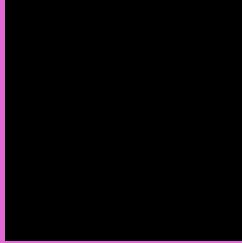
Any Text WCAG AA ✓ Pass

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 E168D5 Background



This preview shows how black text looks on a background with the Hex color E168D5.

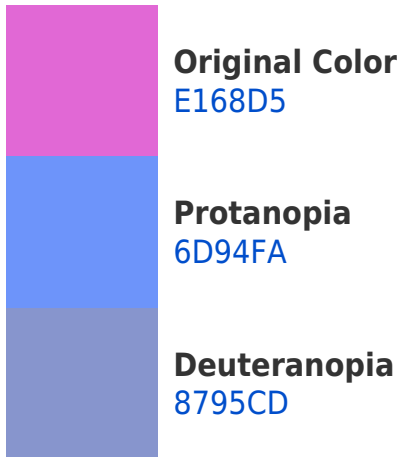


This preview shows how white text looks on a background with the Hex color E168D5.

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
D87C85

Trichromacy



Original Color
E168D5



Protanomaly
9784ED



Deuteranomaly
A885D0



Tritanomaly
DB75A2

Monochromacy



Original Color
E168D5



Achromatopsia
999999



Achromatomaly
B387AF

CSS Examples

Text

The CSS property to change the color of the text to Hex E168D5 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 #E168D5 looks like.

```
.text, #text, p{  
    color:#E168D5  
}
```

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 #E168D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E168D5
}
```

Border

The CSS property to change the border of an element to Hex E168D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

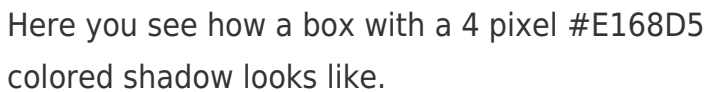
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E168D5 }
```

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

```
.border{ border-color:#E168D5 }
```

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



Here you see how a box with a 4 pixel #E168D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E168D5; -webkit-box-shadow:4px 4px  
4px 4px #E168D5; box-shadow:4px 4px 4px  
4px #E168D5 }
```

Background

The CSS property to change the background color of an element to Hex E168D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E168D5 }
```

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

```
.background{ background-color:#E168D5 }
```

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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