

# Converting Colors

Hex(E265C4)

Have a look what the booklet for  
Hex(E265C4) contains.

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# **Color**

**Hex(E265C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E265C4
RGB	226, 101, 196
RGB Percent	89%, 40%, 77%
CMY	0.1137, 0.6039, 0.2314
CMYK	0.00, 0.55, 0.13, 0.11
HSL	314°, 68%, 64%
HSV	314°, 55%, 89%
XYZ	45.9815, 29.4616, 55.4877
YIQ	149.2050, 44.0050, 56.0450

# Conversions

## Conversions Part 2

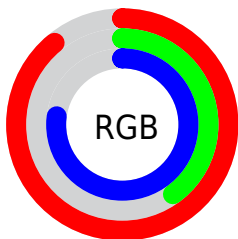
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 101, 196
Decimal	14837188
CIE Lab	61.19, 59.81, -26.67
CIE LCh	61, 65.485, 335.967
Yxy	29.4616, 0.3512, 0.2250
Android (android.graphics.Color)	4293027268 (0xFFE265C4)
YUV	149.2050, 23.0699, 67.3492
Hunter-Lab	54.2786, 56.2269, -22.6158

# Details

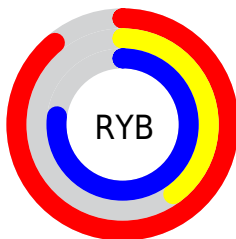
The Hex color **E265C4** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **65E283**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF9DFD**, and **A82B8E** is the 20% darker color. If you saturate the color by 10%, you get **E24EBF**, and if you desaturate by 10%, it is **E27CC9**.

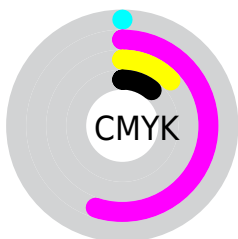
# Distribution



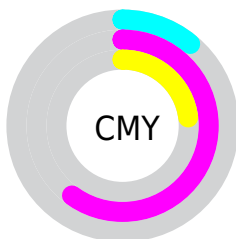
- Red (89%)
- Green (40%)
- Blue (77%)



- Red (89%)
- Yellow (40%)
- Blue (77%)



- Cyan (0%)
- Magenta (55%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (60%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E265C4 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 E265C4 by changing the saturation by 10% instead.



 E265C4

 E265C4

FFFFFF

 C549A9

 FF9DFD

 A82B8E

 FFB9FF

 8C0074

 FFD6FF

 70005B

 FFF4FF

 550043

 3C002D

 1E0017

 000000

 E265C4

 E265C4

 E24EBF

 E27CC9

 E238B9

 E292CF

 E221B4

 E2A9D4

 E20BAE

 E2BFDA

 E200AC

 E2D6DF

 E2EDE5

 E2FFEA

 E2FFEF

 E2FFF5

# Harmonies

## Analogous

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



A47FF2



E265C4



FB598B

# Triad

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



E265C4



A59500



00ADD6

# Complementary

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



E265C4



65E283

# 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.



00AF9E



E265C4



69A32B

# Square

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



E265C4



D57F22



00AB62



00A6FD

# Rectangle

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



E265C4



F96065



00AB62



00AEC5



# Sweetspot

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



E265C4



FFD4F5



8265E2



806679



000000



808080



# Same Dimension

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



E265C4



FF57D7



E26586



70656E



B00086



300025



# Inverse Universe

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



E265C4



FF57D7



65E2C1



70656E



B00086



300025



# Previews

## White Background



This preview shows how the Hex color E265C4 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 E265C4 Background



This preview shows how black text looks on a background with the Hex color E265C4.

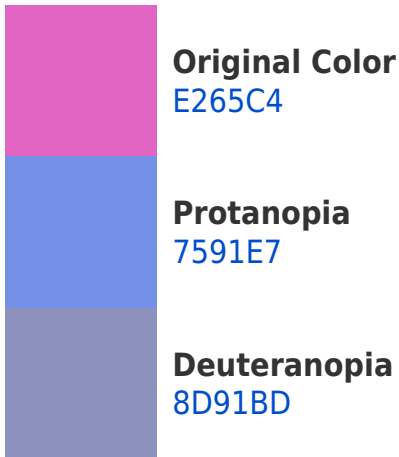


This preview shows how white text looks on a background with the Hex color E265C4.

# 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**  
DB767E

# Trichromacy



**Original Color**  
E265C4



**Protanomaly**  
9D81DA



**Deuteranomaly**  
AC81C0



**Tritanomaly**  
DE7097

# Monochromacy



**Original Color**  
E265C4



**Achromatopsia**  
959595



**Achromatomaly**  
B184A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E265C4 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 #E265C4 looks like.

```
.text, #text, p{  
    color:#E265C4  
}
```

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 #E265C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E265C4
}
```

## Border

The CSS property to change the border of an element to Hex E265C4 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
#E265C4 }
```

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

```
.border{ border-color:#E265C4 }
```

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

Here you see how a box with a 4 pixel #E265C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E265C4; -webkit-box-shadow:4px 4px  
4px 4px #E265C4; box-shadow:4px 4px 4px  
4px #E265C4 }
```

# Background

The CSS property to change the background color of an element to Hex E265C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E265C4 }
```

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

```
.background{ background-color:#E265C4 }
```

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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