

# Converting Colors

Hex(E65DFF)

Have a look what the booklet for  
Hex(E65DFF) contains.

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# **Color**

**Hex(E65DFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E65DFF
RGB	230, 93, 255
RGB Percent	90%, 36%, 100%
CMY	0.0980, 0.6353, 0.0000
CMYK	0.10, 0.64, 0.00, 0.00
HSL	291°, 100%, 68%
HSV	291°, 64%, 100%
XYZ	54.5975, 31.8717, 97.8820
YIQ	152.4310, 29.6500, 79.4260

# Conversions

## Conversions Part 2

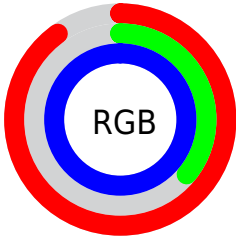
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	230, 93, 255
Decimal	15097343
CIE <sub>Lab</sub>	63.24, 74.10, -56.41
CIE <sub>LCh</sub>	63, 93.128, 322.720
Yxy	31.8717, 0.2962, 0.1729
Android (android.graphics.Color)	4293287423 (0xFFE65DFF)
YUV	152.4310, 50.5665, 68.0280
Hunter-Lab	56.4550, 73.8305, -63.2788

# Details

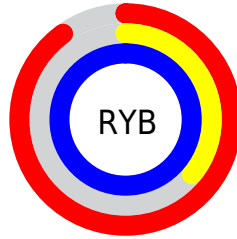
The Hex color **E65DFF** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **76FF5D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF97FF**, and **AB18C5** is the 20% darker color. If you saturate the color by 10%, you get **E243FF**, and if you desaturate by 10%, it is **EA77FF**.

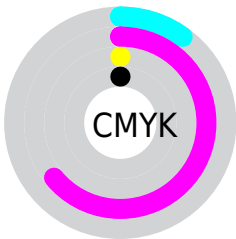
# Distribution



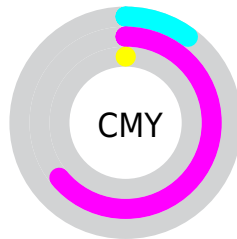
- Red (90%)
- Green (36%)
- Blue (100%)



- Red (90%)
- Yellow (36%)
- Blue (100%)



- Cyan (10%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (64%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E65DFF 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 E65DFF by changing the saturation by 10% instead.



 E65DFF

 E65DFF

FFFFFF

 C83EE2

 FF97FF

 AB18C5

 FFB4FF

 8E00AA

 FFD1FF

 71008F

 FFEFFF

 550074

 39005B

 1B0042

 00022B

 000115

 E65DFF

 E65DFF

 E243FF

 EA77FF

 DE2AFF

 EE90FF

 DA10FF

 F2AAFF

 D800FF

 F6C3FF

 FADDFE

 FEF6FF

FFFFFF

# Harmonies

## Analogous

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



548CFF



E65DFF



FF20B1

# Triad

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



E65DFF



CA8F00



00BCD7

# Complementary

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



E65DFF



76FF5D

# 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.



00BB81



E65DFF



7DA700

# Square

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



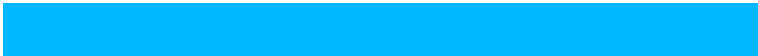
E65DFF



FF6700



00B524



00B8FF

# Rectangle

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



E65DFF



FF1B7A



00B524



00BCBB



# Sweetspot

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



E65DFF



F8CFFF



5D78FF



7B6280



000000



808080



# Same Dimension

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



E65DFF



E13DFF



FF5DC9



7E7380



A200BF



360040



# Inverse Universe

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



FF5D76



FF3D5B



5DFF93



807375



BF001E



40000A



# Previews

## White Background



This preview shows how the Hex color E65DFF looks on a white background.

## Color Contrast Check

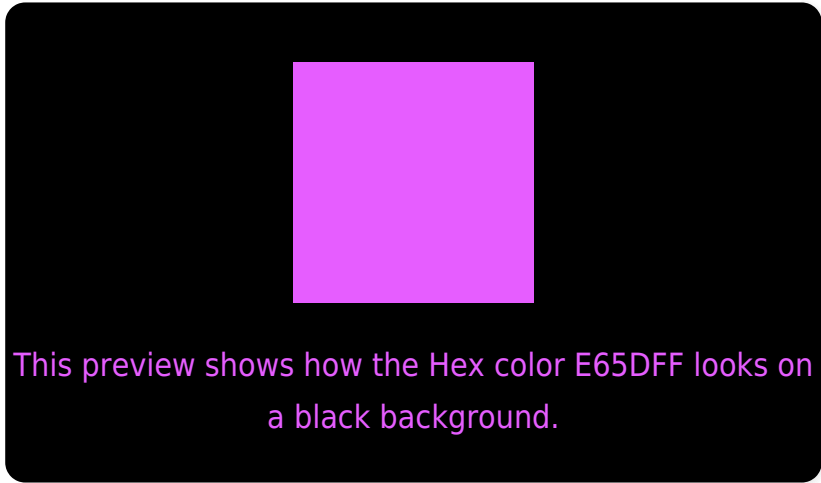
Large Text (above 18pt) WCAG AA × Fail

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

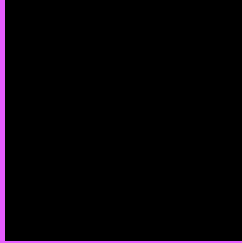
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E65DFF Background



This preview shows how black text looks on a background with the Hex color E65DFF.




This preview shows how white text looks on a background with the Hex color E65DFF.

# 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](#).

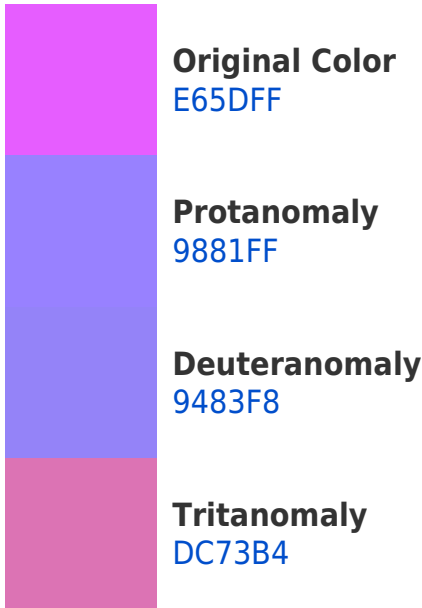
## Dichromacy





**Tritanopia**  
D68089

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E65DFF 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 #E65DFF looks like.

```
.text, #text, p{  
    color:#E65DFF  
}
```

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 #E65DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E65DFF
}
```

## Border

The CSS property to change the border of an element to Hex E65DFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

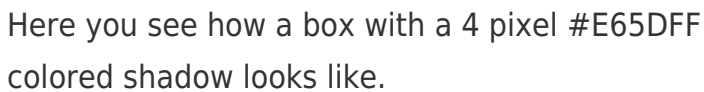
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E65DFF }
```

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

```
.border{ border-color:#E65DFF }
```

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



Here you see how a box with a 4 pixel #E65DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E65DFF; -webkit-box-shadow:4px 4px  
4px 4px #E65DFF; box-shadow:4px 4px 4px  
4px #E65DFF }
```

# Background

The CSS property to change the background color of an element to Hex E65DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E65DFF }
```

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

```
.background{ background-color:#E65DFF }
```

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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