

Converting Colors

Hex(E45DF4)

Have a look what the booklet for
Hex(E45DF4) contains.

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Color

Hex(E45DF4)

Conversions

Conversions Part 1

Format	Color
Hex	E45DF4
RGB	228, 93, 244
RGB Percent	89%, 36%, 96%
CMY	0.1059, 0.6353, 0.0431
CMYK	0.07, 0.62, 0.00, 0.04
HSL	294°, 87%, 66%
HSV	294°, 62%, 96%
XYZ	52.2384, 30.8543, 88.7902
YIQ	150.5790, 31.9890, 75.5810

Conversions

Conversions Part 2

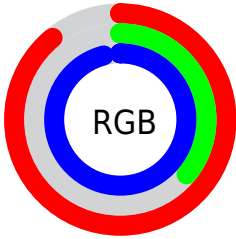
Format	Color
R _{YB}	228, 93, 244
Decimal	14966260
CIE Lab	62.38, 71.70, -51.71
CIE LCh	62, 88.398, 324.202
Yxy	30.8543, 0.3039, 0.1795
Android (android.graphics.Color)	4293156340 (0xFFE45DF4)
YUV	150.5790, 46.0566, 67.8982
Hunter-Lab	55.5467, 70.6621, -55.8911

Details

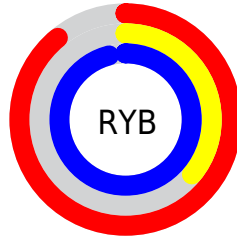
The Hex color **E45DF4** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **6DF45D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF97FF**, and **A91ABB** is the 20% darker color. If you saturate the color by 10%, you get **E145F4**, and if you desaturate by 10%, it is **E775F4**.

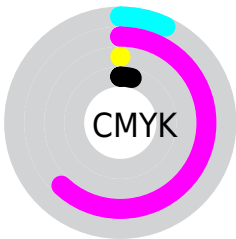
Distribution



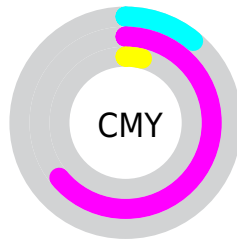
- Red (89%)
- Green (36%)
- Blue (96%)



- Red (89%)
- Yellow (36%)
- Blue (96%)



- Cyan (7%)
- Magenta (62%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (64%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color E45DF4 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 E45DF4 by changing the saturation by 10% instead.

 E45DF4

 E45DF4

FFFFFF

 C63FD7

 FF97FF

 A91ABB

 FFB4FF

 8C00A0

 FFD1FF

 700085

 FFEEFF

 54006B

 390052

 1B003A

 000223

 00000A

 E45DF4

 E45DF4

 E145F4

 E775F4

 DF2CF4

 E98EF4

 DC14F4

 ECA6F4

 DA00F4

 EEBFF4

 F1D7F4

 F4EFF4

 F6FFF4

 F9FFF4

 FBFFF4

Harmonies

Analogous

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



6689FF



E45DF4



FF2EAA

Triad

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



E45DF4



C38E00



00B8D5

Complementary

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



E45DF4



6DF45D

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.



00B785



E45DF4



79A500

Square

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



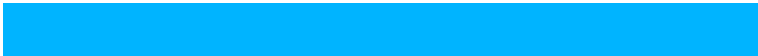
E45DF4



FB6A00



00B22F



00B4FF

Rectangle

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



E45DF4



FF2E75



00B22F



00B9BB

Sweetspot

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



E45DF4



FACFFF



5D6FF4



7C6280



000000



808080

Same Dimension

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



E45DF4



EB42FF



F45DBA



796E7A



A600BA



34003B

Inverse Universe

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



F45D6D



FF4256



5DF497



7A6E6F



BA0014



3B0006

Previews

White Background



This preview shows how the Hex color E45DF4 looks on a white background.

Color Contrast Check

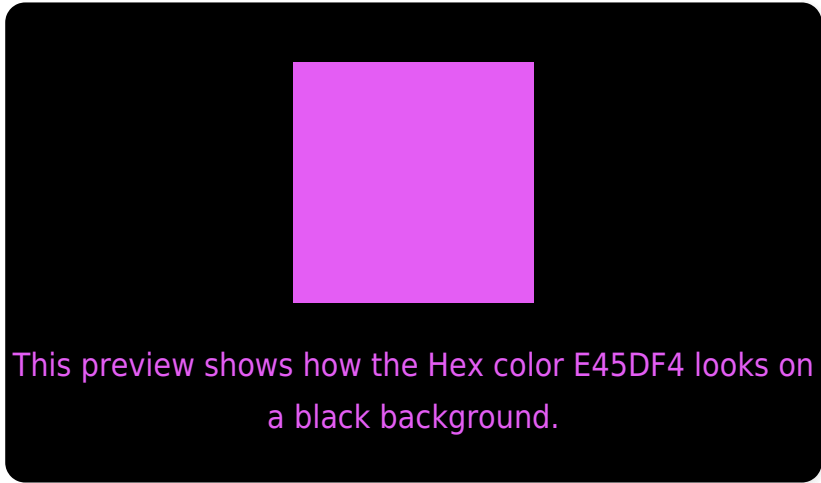
Large Text (above 18pt) WCAG AA × Fail

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

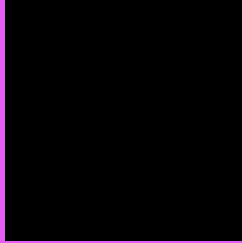
Any Text WCAG AA ✓ Pass

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 E45DF4 Background



This preview shows how black text looks on a background with the Hex color E45DF4.

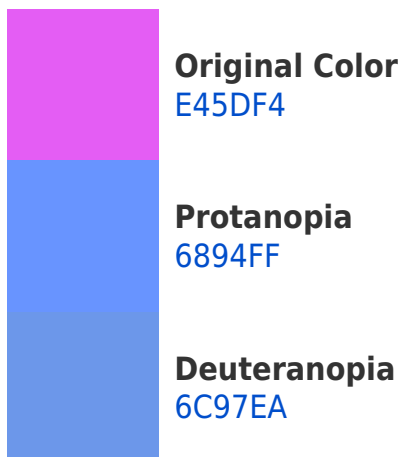


This preview shows how white text looks on a background with the Hex color E45DF4.

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](#).

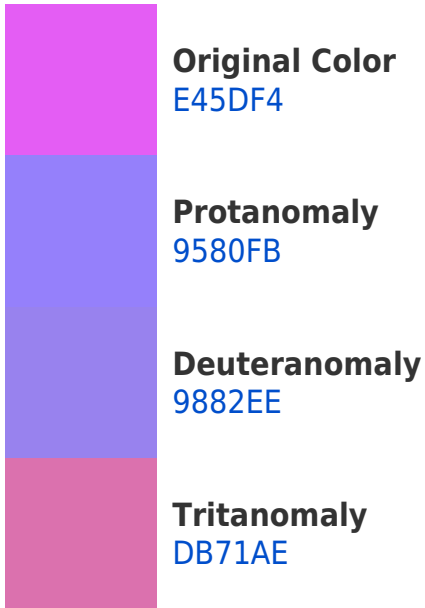
Dichromacy





Tritanopia
D67D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E45DF4 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 #E45DF4 looks like.

```
.text, #text, p{  
    color:#E45DF4  
}
```

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 #E45DF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E45DF4
}
```

Border

The CSS property to change the border of an element to Hex E45DF4 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
#E45DF4 }
```

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

```
.border{ border-color:#E45DF4 }
```

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

Here you see how a box with a 4 pixel #E45DF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E45DF4; -webkit-box-shadow:4px 4px  
4px 4px #E45DF4; box-shadow:4px 4px 4px  
4px #E45DF4 }
```

Background

The CSS property to change the background color of an element to Hex E45DF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E45DF4 }
```

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

```
.background{ background-color:#E45DF4 }
```

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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