

Converting Colors

Hex(E945D4)

Have a look what the booklet for
Hex(E945D4) contains.

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Color

Hex(E945D4)

Conversions

Conversions Part 1

Format	Color
Hex	E945D4
RGB	233, 69, 212
RGB Percent	91%, 27%, 83%
CMY	0.0863, 0.7294, 0.1686
CMYK	0.00, 0.70, 0.09, 0.09
HSL	308°, 79%, 59%
HSV	308°, 70%, 91%
XYZ	47.6161, 26.3333, 64.8606
YIQ	134.3380, 51.8410, 79.2410

Conversions

Conversions Part 2

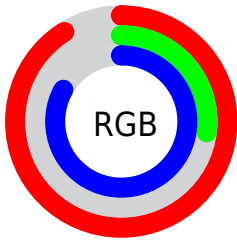
Format	Color
R _{YB}	233, 69, 212
Decimal	15287764
CIE _{Lab}	58.35, 76.62, -40.09
CIE _{LCh}	58, 86.478, 332.382
Yxy	26.3333, 0.3430, 0.1897
Android (android.graphics.Color)	4293477844 (0xFFE945D4)
YUV	134.3380, 38.2874, 86.5266
Hunter-Lab	51.3160, 75.8268, -39.0180

Details

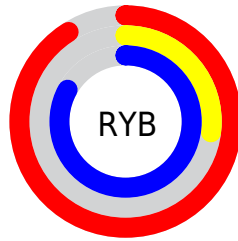
The Hex color **E945D4** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **45E95A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF82FF**, and **AD009D** is the 20% darker color. If you saturate the color by 10%, you get **E92ED1**, and if you desaturate by 10%, it is **E95CD7**.

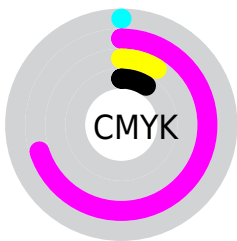
Distribution



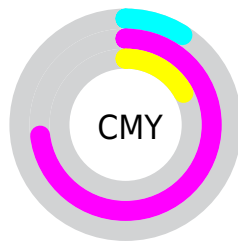
- Red (91%)
- Green (27%)
- Blue (83%)



- Red (91%)
- Yellow (27%)
- Blue (83%)



- Cyan (0%)
- Magenta (70%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (73%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color E945D4 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 E945D4 by changing the saturation by 10% instead.

 E945D4

 E945D4

FFFFFF

 CB1EB8

 FF82FF

 AD009D

 FFA0FF

 900082

 FFBDFE

 740069


 FFDBFF

 570050

 FFF9FF

 3D0039

 1F0022

 000007

 000000

 E945D4

 E945D4

 E92ED1

 E95CD7

 E916CE

 E974DA

 E900CB

 E98BDD

 E9A2E0

 E9BAE3

 E9D1E6

 E9E8E9

 E9FFEC

 E9FFEF

Harmonies

Analogous

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



8B75FF



E945D4



FF178A

Triad

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



E945D4



A58B00



00ACDC

Complementary

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



E945D4



45E95A

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.



00AC90



E945D4



559E00

Square

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



E945D4



DF6C00



00A840



00A6FF

Rectangle

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



E945D4



FF2D58



00A840



00ACC4

Sweetspot

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



E945D4



FFC9F8



5845E9



80607B



000000



808080

Same Dimension

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



E945D4



FF29E4



E94584



756A74



B5009E



36002F

Inverse Universe

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



E945D4



FF29E4



45E9AA



756A74



B5009E



36002F

Previews

White Background



This preview shows how the Hex color E945D4 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 E945D4 Background



This preview shows how black text looks on a background with the Hex color E945D4.

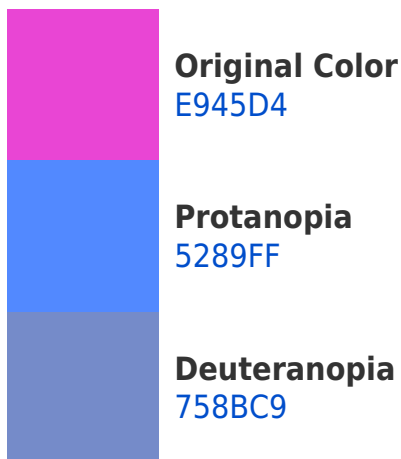



This preview shows how white text looks on a background with the Hex color E945D4.

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
DE666D

Trichromacy



Original Color
E945D4



Protanomaly
8970EF



Deuteranomaly
9F72CD



Tritanomaly
E25A92

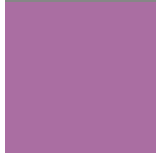
Monochromacy



Original Color
E945D4



Achromatopsia
868686



Achromatomaly
AA6EA2

CSS Examples

Text

The CSS property to change the color of the text to Hex E945D4 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 #E945D4 looks like.

```
.text, #text, p{  
    color:#E945D4  
}
```

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 #E945D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E945D4
}
```

Border

The CSS property to change the border of an element to Hex E945D4 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
#E945D4 }
```

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

```
.border{ border-color:#E945D4 }
```

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

Here you see how a box with a 4 pixel #E945D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E945D4; -webkit-box-shadow:4px 4px  
4px 4px #E945D4; box-shadow:4px 4px 4px  
4px #E945D4 }
```

Background

The CSS property to change the background color of an element to Hex E945D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E945D4 }
```

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

```
.background{ background-color:#E945D4 }
```

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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