

Converting Colors

Hex(E244D7)

Have a look what the booklet for
Hex(E244D7) contains.

Hex(E244D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E244D7)

Conversions

Conversions Part 1

Format	Color
Hex	E244D7
RGB	226, 68, 215
RGB Percent	89%, 27%, 84%
CMY	0.1137, 0.7333, 0.1569
CMYK	0.00, 0.70, 0.05, 0.11
HSL	304°, 73%, 58%
HSV	304°, 70%, 89%
XYZ	45.6969, 25.2093, 66.7474
YIQ	132.0000, 46.9810, 79.2130

Conversions

Conversions Part 2

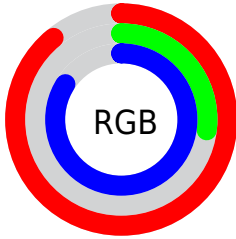
Format	Color
R _Y B	226, 68, 215
Decimal	14828759
CIE Lab	57.28, 75.84, -43.56
CIE LCh	57, 87.459, 330.132
Yxy	25.2093, 0.3320, 0.1831
Android (android.graphics.Color)	4293018839 (0xFFE244D7)
YUV	132.0000, 40.9190, 82.4380
Hunter-Lab	50.2089, 74.5938, -43.6736

Details

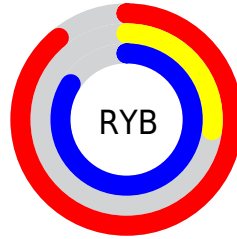
The Hex color **E244D7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **44E24F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF81FF**, and **A700A0** is the 20% darker color. If you saturate the color by 10%, you get **E22DD5**, and if you desaturate by 10%, it is **E25BD9**.

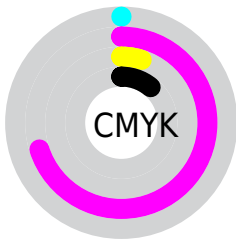
Distribution



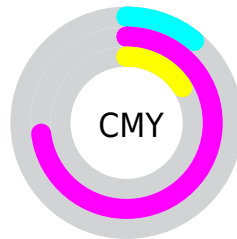
- Red (89%)
- Green (27%)
- Blue (84%)



- Red (89%)
- Yellow (27%)
- Blue (84%)



- Cyan (0%)
- Magenta (70%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (73%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color E244D7 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 E244D7 by changing the saturation by 10% instead.

 E244D7

 E244D7

FFFFFF

 C41DBB

 FF81FF

 A700A0


 FF9EFF

 8A0085

 FFBCFF

 6D006B

 FFD9FF

 510052

 FFF7FF

 37003B

 170024

 00000B

 000000

 E244D7

 E244D7

 E22DD5

 E25BD9

 E217D4

 E271DA

 E200D2

 E288DC

 E29EDD

 E2B5DF

 E2CCE0

 E2E2E2

 E2F9E4

 E2FFE5

Harmonies

Analogous

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



7C75FF



E244D7



FF038D

Triad

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



E244D7



A68700



00A9D5

Complementary

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



E244D7



44E24F

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.



00A988



E244D7



599A00

Square

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



E244D7



E06600



00A535



00A4FF

Rectangle

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



E244D7



FF1F5B



00A535



00AABC

Sweetspot

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



E244D7



FFC9FB



4F44E2



80607D



000000



808080

Same Dimension

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



E244D7



FF29F0



E24488



70656F



B000A4



30002D

Inverse Universe

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



E244D7



FF29F0



44E29E



70656F



B000A4



30002D

Previews

White Background



This preview shows how the Hex color E244D7 looks on a white background.

Color Contrast Check

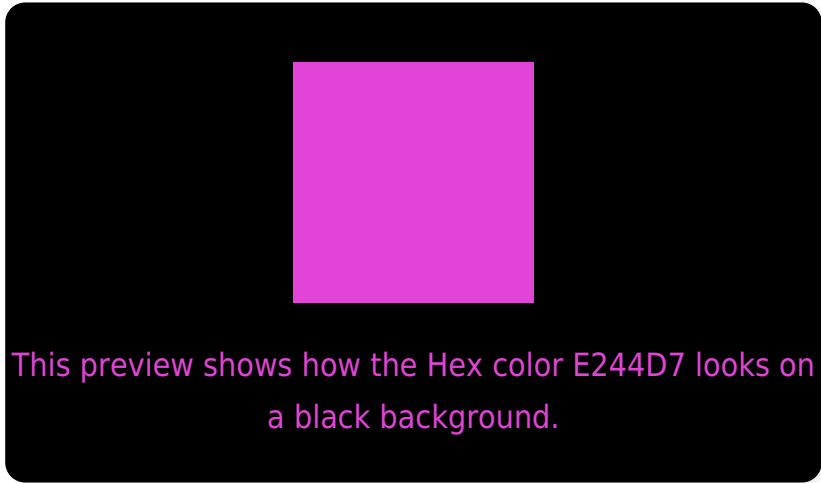
Large Text (above 18pt) WCAG AA ✓ Pass

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

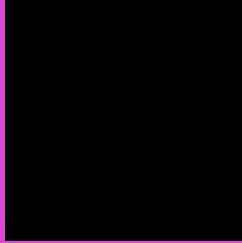
Any Text WCAG AA ✓ Pass

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 E244D7 Background



This preview shows how black text looks on a background with the Hex color E244D7.

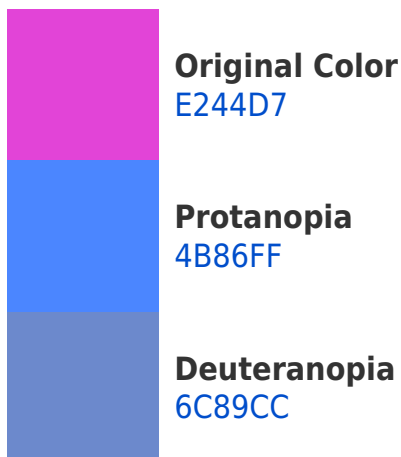



This preview shows how white text looks on a background with the Hex color E244D7.

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](#).

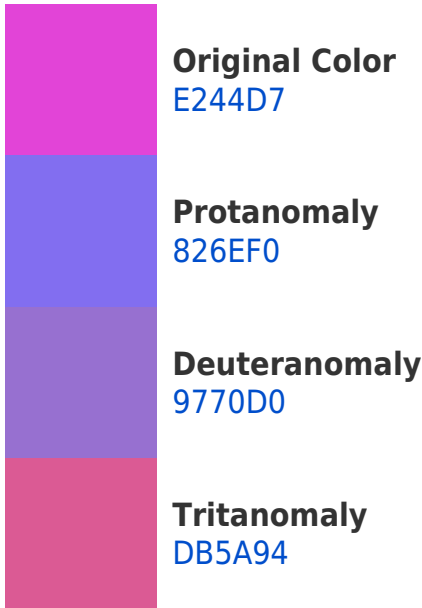
Dichromacy



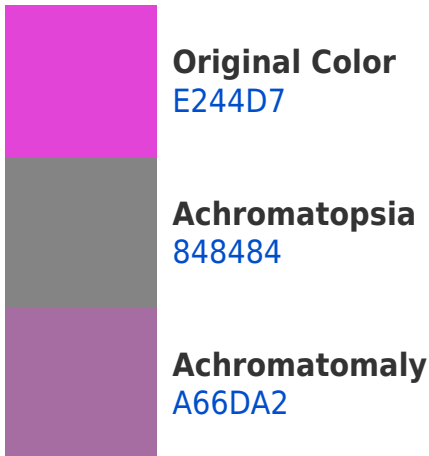


Tritanopia
D7666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E244D7 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 #E244D7 looks like.

```
.text, #text, p{  
    color:#E244D7  
}
```

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 #E244D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E244D7
}
```

Border

The CSS property to change the border of an element to Hex E244D7 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
#E244D7 }
```

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

```
.border{ border-color:#E244D7 }
```

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

Here you see how a box with a 4 pixel #E244D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E244D7; -webkit-box-shadow:4px 4px  
4px 4px #E244D7; box-shadow:4px 4px 4px  
4px #E244D7 }
```

Background

The CSS property to change the background color of an element to Hex E244D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E244D7 }
```

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

```
.background{ background-color:#E244D7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor