

Converting Colors

Hex(E54DE5)

Have a look what the booklet for
Hex(E54DE5) contains.

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Color

Hex(E54DE5)

Conversions

Conversions Part 1

Format	Color
Hex	E54DE5
RGB	229, 77, 229
RGB Percent	90%, 30%, 90%
CMY	0.1020, 0.6980, 0.1020
CMYK	0.00, 0.66, 0.00, 0.10
HSL	300°, 75%, 60%
HSV	300°, 66%, 90%
XYZ	49.1098, 27.6229, 76.8721
YIQ	139.7760, 41.8000, 79.4960

Conversions

Conversions Part 2

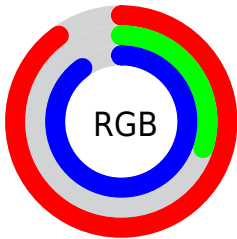
Format	Color
R _Y B	229, 77, 229
Decimal	15027685
CIE Lab	59.55, 75.59, -47.83
CIE LCh	60, 89.451, 327.672
Yxy	27.6229, 0.3197, 0.1798
Android (android.graphics.Color)	4293217765 (0xFFE54DE5)
YUV	139.7760, 43.9874, 78.2494
Hunter-Lab	52.5575, 74.8151, -49.9290

Details

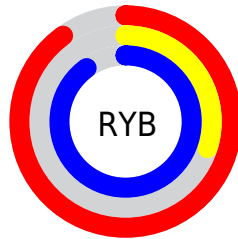
The Hex color **E54DE5** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4DE54D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF89FF**, and **AA00AD** is the 20% darker color. If you saturate the color by 10%, you get **E536E5**, and if you desaturate by 10%, it is **E564E5**.

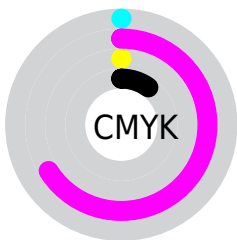
Distribution



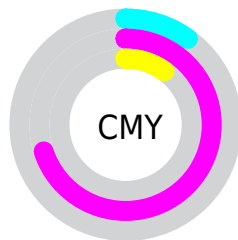
- Red (90%)
- Green (30%)
- Blue (90%)



- Red (90%)
- Yellow (30%)
- Blue (90%)



- Cyan (0%)
- Magenta (66%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color E54DE5 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 E54DE5 by changing the saturation by 10% instead.

 E54DE5

 E54DE5

FFFFFF

 C72AC9

 FF89FF

 AA00AD

 FFA6FF

 8D0092

 FFC3FF

 700077

 FFE1FF

 54005E

 3B0046

 1C002E

 000118

 000000

 E54DE5

 E54DE5

 E536E5

 E564E5

 E51FE5

 E57BE5

 E508E5

 E592E5

 E500E5

 E5A9E5

 E5BFE5

 E5D6E5

 E5EDE5

 E5FFE5

Harmonies

Analogous

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



737DFE



E54DE5



FF1099

Triad

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



E54DE5



B38A00



00B0D7

Complementary

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



E54DE5



4DE54D

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.



00B087



E54DE5



65A000

Square

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



E54DE5



ED6700



00AB31



00ABFF

Rectangle

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



E54DE5



FF1F65



00AB31



00B1BD

Sweetspot

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



E54DE5



FFCCFF



4D4DE5



806180



000000



808080

Same Dimension

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



E54DE5



FF33FF



E54D99



736773



B300B3



330033

Inverse Universe

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



E54DE5



FF33FF



4DE599



736773



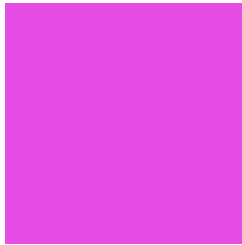
B300B3



330033

Previews

White Background



This preview shows how the Hex color E54DE5 looks on a white background.

Color Contrast Check

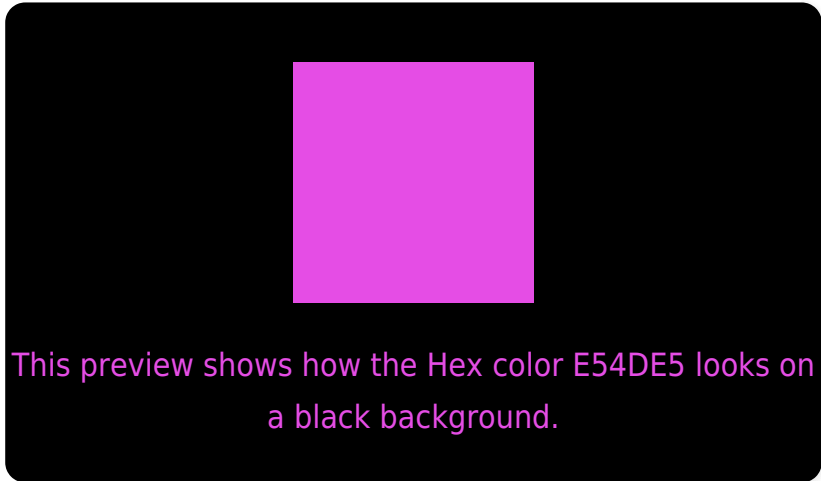
Large Text (above 18pt) WCAG AA ✓ Pass

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

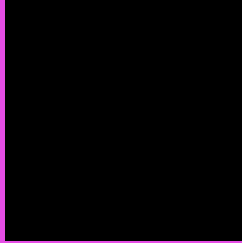
Any Text WCAG AA ✓ Pass

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 E54DE5 Background



This preview shows how black text looks on a background with the Hex color E54DE5.

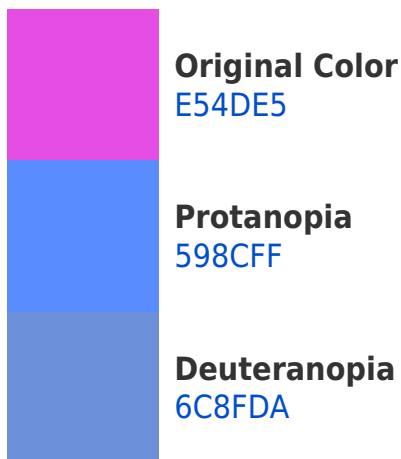


This preview shows how white text looks on a background with the Hex color E54DE5.

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](#).

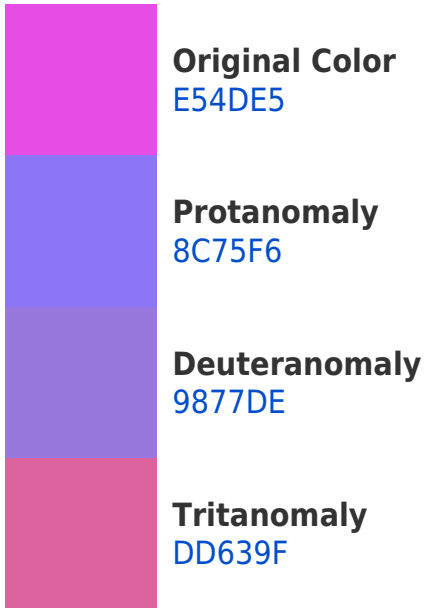
Dichromacy



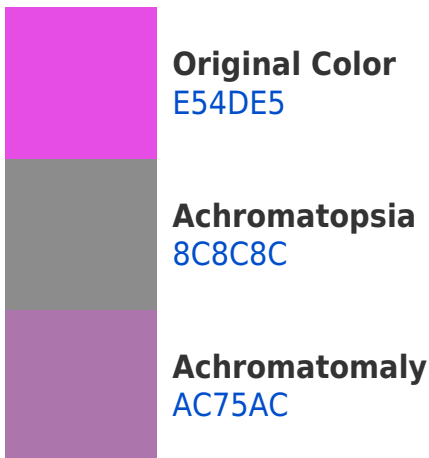


Tritanopia
D86F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E54DE5 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 #E54DE5 looks like.

```
.text, #text, p{  
    color:#E54DE5  
}
```

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 #E54DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E54DE5
}
```

Border

The CSS property to change the border of an element to Hex E54DE5 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
#E54DE5 }
```

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

```
.border{ border-color:#E54DE5 }
```

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

Here you see how a box with a 4 pixel #E54DE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E54DE5; -webkit-box-shadow:4px 4px  
4px 4px #E54DE5; box-shadow:4px 4px 4px  
4px #E54DE5 }
```

Background

The CSS property to change the background color of an element to Hex E54DE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E54DE5 }
```

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

```
.background{ background-color:#E54DE5 }
```

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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