

# Converting Colors

Hex(E654D4)

Have a look what the booklet for  
Hex(E654D4) contains.

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**Color**

**Hex(E654D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E654D4
RGB	230, 84, 212
RGB Percent	90%, 33%, 83%
CMY	0.0980, 0.6706, 0.1686
CMYK	0.00, 0.63, 0.08, 0.10
HSL	307°, 74%, 62%
HSV	307°, 63%, 90%
XYZ	47.6871, 27.9171, 65.1625
YIQ	142.2460, 45.9280, 70.7600

# Conversions

## Conversions Part 2

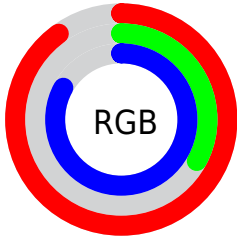
Format	Color
R <sub>YB</sub>	230, 84, 212
Decimal	15094996
CIE <sub>Lab</sub>	59.81, 70.52, -37.83
CIE <sub>LCh</sub>	60, 80.027, 331.790
Yxy	27.9171, 0.3388, 0.1983
Android (android.graphics.Color)	4293285076 (0xFFE654D4)
YUV	142.2460, 34.3887, 76.9603
Hunter-Lab	52.8366, 68.6390, -36.1357

# Details

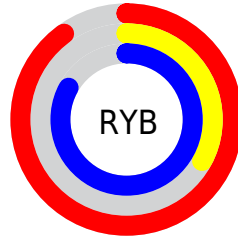
The Hex color **E654D4** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **54E666**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8EFF**, and **AB029D** is the 20% darker color. If you saturate the color by 10%, you get **E63DD1**, and if you desaturate by 10%, it is **E66BD7**.

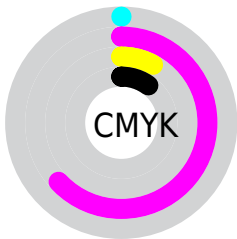
# Distribution



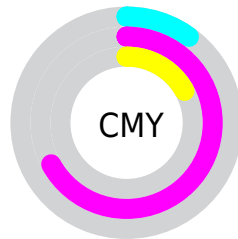
- Red (90%)
- Green (33%)
- Blue (83%)



- Red (90%)
- Yellow (33%)
- Blue (83%)



- Cyan (0%)
- Magenta (63%)
- Yellow (8%)
- Black (10%)



- Cyan (10%)
- Magenta (67%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E654D4 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 E654D4 by changing the saturation by 10% instead.



 E654D4

 E654D4

FFFFFF

 C834B8

 FF8EFF

 AB029D

 FFABFF

 8E0082

 FFC8FF

 720069

 FFE6FF

 560050

 3D0039

 1F0022

 000007

 000000

 E654D4

 E654D4

 E63DD1

 E66BD7

 E626CE

 E682DA

 E60FCB

 E699DD

 E600CA

 E6B0DF

 E6C7E2

 E6DEE5

 E6F5E8

 E6FFEB

 E6FFEE

# Harmonies

## Analogous

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



8F7BFF



E654D4



FF388F

# Triad

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



E654D4



AA8F00



00AED9

# Complementary

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



E654D4



54E666

# 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.



00AF92



E654D4



62A100

# Square

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



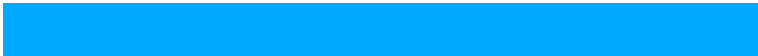
E654D4



E17200



00AA48



00A8FF

# Rectangle

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



E654D4



FF4261



00AA48



00AFC3



# Sweetspot

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



E654D4



FFCFF9



6554E6



80627C



000000



808080



# Same Dimension

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



E654D4



FF3DE7



E6548C



736771



B3009C



33002D



# Inverse Universe

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



E654D4



FF3DE7



54E6AE



736771



B3009C

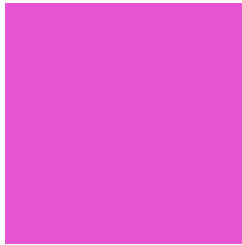


33002D



# Previews

## White Background



This preview shows how the Hex color E654D4 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 E654D4 Background



This preview shows how black text looks on a background with the Hex color E654D4.



This preview shows how white text looks on a background with the Hex color E654D4.

# 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**  
DC6F76

# Trichromacy



**Original Color**  
E654D4



**Protanomaly**  
8E78EF



**Deuteranomaly**  
A37ACE



**Tritanomaly**  
E06598

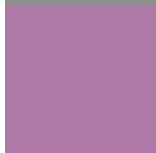
# Monochromacy



**Original Color**  
E654D4



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
AE79A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E654D4 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 #E654D4 looks like.

```
.text, #text, p{  
  color:#E654D4  
}
```

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 #E654D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E654D4
}
```

## Border

The CSS property to change the border of an element to Hex E654D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

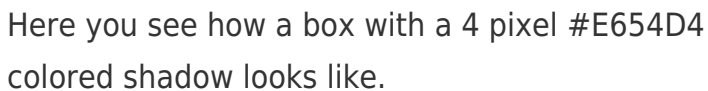
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E654D4 }
```

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

```
.border{ border-color:#E654D4 }
```

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



Here you see how a box with a 4 pixel #E654D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E654D4; -webkit-box-shadow:4px 4px  
4px 4px #E654D4; box-shadow:4px 4px 4px  
4px #E654D4 }
```

# Background

The CSS property to change the background color of an element to Hex E654D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E654D4 }
```

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

```
.background{ background-color:#E654D4 }
```

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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