

Converting Colors

Hex(E57AF4)

Have a look what the booklet for
Hex(E57AF4) contains.

Hex(E57AF4)	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(E57AF4)

Conversions

Conversions Part 1

Format	Color
Hex	E57AF4
RGB	229, 122, 244
RGB Percent	90%, 48%, 96%
CMY	0.1020, 0.5216, 0.0431
CMYK	0.06, 0.50, 0.00, 0.04
HSL	293°, 85%, 72%
HSV	293°, 50%, 96%
XYZ	55.6018, 37.1087, 89.8201
YIQ	167.9010, 24.6100, 60.6260

Conversions

Conversions Part 2

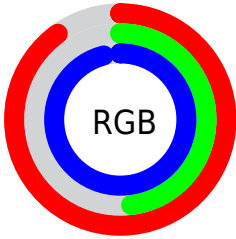
Format	Color
RYB	229, 122, 244
Decimal	15039220
CIELab	67.36, 58.87, -43.85
CIELCh	67, 73.404, 323.317
Yxy	37.1087, 0.3046, 0.2033
Android (android.graphics.Color)	4293229300 (0xFFE57AF4)
YUV	167.9010, 37.5168, 53.5838
Hunter-Lab	60.9169, 56.3207, -44.7794

Details

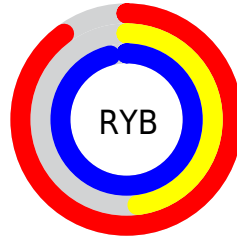
The Hex color **E57AF4** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **89F47A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB2FF**, and **AB43BB** is the 20% darker color. If you saturate the color by 10%, you get **E262F4**, and if you desaturate by 10%, it is **E892F4**.

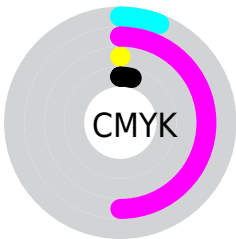
Distribution



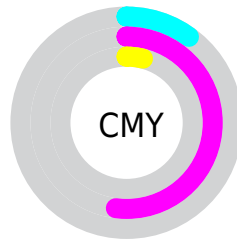
- Red (90%)
- Green (48%)
- Blue (96%)



- Red (90%)
- Yellow (48%)
- Blue (96%)



- Cyan (6%)
- Magenta (50%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (52%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color E57AF4 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 E57AF4 by changing the saturation by 10% instead.

 E57AF4

FFFFFF

 FF22FF

 FFCEFF

 FFE0FF

 E57AF4

 C85FD7

 AB43BB

 8F26A0

 730085

 58006C

 3D0053

 25003B

 000024

 00000C

 E57AF4

 E57AF4

 E262F4

 E892F4

 DF49F4

 EBABF4

 DC31F4

 EEC3F4

 D918F4

 F1DCF4

 D600F4

 F4F4F4

 F7FFF4

 FAFFF4

 FDFFF4

 FFFFF4

Harmonies

Analogous

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



8599FF



E57AF4



FF62B6

Triad

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



E57AF4



D09C00



00C2D7

Complementary

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



E57AF4



89F47A

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.



00C293



E57AF4



92B00B

Square

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



E57AF4



FF8038



31BC4F



00BDFE

Rectangle

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



E57AF4



FF6189



31BC4F



00C3C1

Sweetspot

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



E57AF4



FAD9FF



7A8AF4



7D6980



000000



808080

Same Dimension

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



E57AF4



EC66FF



F47AC7



796E7A



A300BA



33003B

Inverse Universe

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



F47A89



FF6679



7AF4A7



7A6E70



BA0017



3B0007

Previews

White Background



This preview shows how the Hex color E57AF4 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

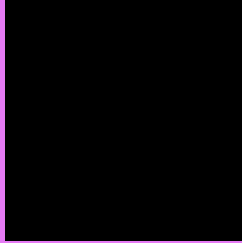
Any Text WCAG AA ✓ Pass

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 E57AF4 Background



This preview shows how black text looks on a background with the Hex color E57AF4.

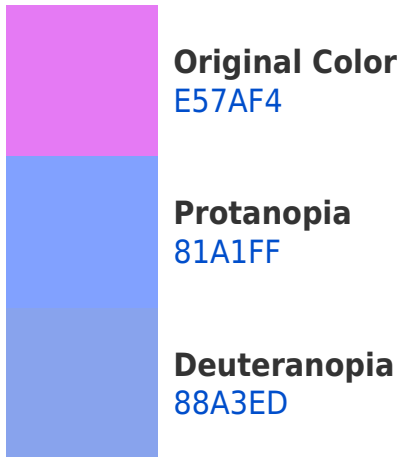


This preview shows how white text looks on a background with the Hex color E57AF4.

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
D9909B

Trichromacy



Original Color
E57AF4



Protanomaly
A593FB



Deuteranomaly
AA94F0



Tritanomaly
DD88BB

Monochromacy



Original Color
E57AF4



Achromatopsia
A8A8A8



Achromatomaly
BE97C4

CSS Examples

Text

The CSS property to change the color of the text to Hex E57AF4 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 #E57AF4 looks like.

```
.text, #text, p{  
    color:#E57AF4  
}
```

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 #E57AF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E57AF4
}
```

Border

The CSS property to change the border of an element to Hex E57AF4 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
#E57AF4 }
```

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

```
.border{ border-color:#E57AF4 }
```

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

Here you see how a box with a 4 pixel #E57AF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E57AF4; -webkit-box-shadow:4px 4px  
4px 4px #E57AF4; box-shadow:4px 4px 4px  
4px #E57AF4 }
```

Background

The CSS property to change the background color of an element to Hex E57AF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E57AF4 }
```

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

```
.background{ background-color:#E57AF4 }
```

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