

Converting Colors

Hex(E56AF5)

Have a look what the booklet for
Hex(E56AF5) contains.

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Color

Hex(E56AF5)

Conversions

Conversions Part 1

Format	Color
Hex	E56AF5
RGB	229, 106, 245
RGB Percent	90%, 42%, 96%
CMY	0.1020, 0.5843, 0.0392
CMYK	0.07, 0.57, 0.00, 0.04
HSL	293°, 87%, 69%
HSV	293°, 57%, 96%
XYZ	53.9486, 33.5587, 90.0203
YIQ	158.6230, 28.6890, 69.3050

Conversions

Conversions Part 2

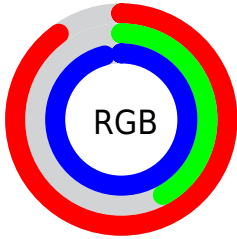
Format	Color
R _Y B	229, 106, 245
Decimal	15035125
CIE Lab	64.61, 66.52, -48.73
CIE LCh	65, 82.461, 323.778
Yxy	33.5587, 0.3039, 0.1890
Android (android.graphics.Color)	4293225205 (0xFFE56AF5)
YUV	158.6230, 42.5839, 61.7206
Hunter-Lab	57.9298, 64.8553, -51.5830

Details

The Hex color **E56AF5** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **7AF56A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA3FF**, and **AA2FBC** is the 20% darker color. If you saturate the color by 10%, you get **E252F5**, and if you desaturate by 10%, it is **E883F5**.

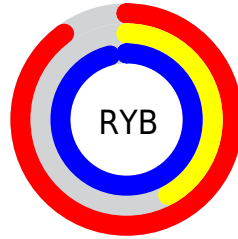
Distribution



Red (90%)

Green (42%)

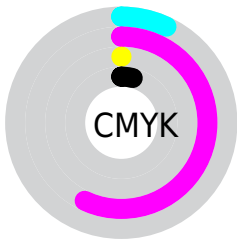
Blue (96%)



Red (90%)

Yellow (42%)

Blue (96%)

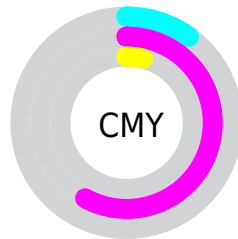


Cyan (7%)

Magenta (57%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (58%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color E56AF5 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 E56AF5 by changing the saturation by 10% instead.

 E56AF5

 E56AF5

FFFFFF

 C74ED8

 FFA3FF

 AA2FBC

 FFBFFF

 8E00A1

 FFDCCF


 720086

 FFFAFF

 56006C

 3B0053

 20003B

 000224

 00000C

 E56AF5

 E56AF5

 E252F5

 E883F5

 DF39F5

 EB9BF5

 DD20F5

 EDB3F5

 DA08F5

 F0CCF5

 D900F5

 F3E5F5

 F6FDF5

 F9FFF5

 FCFFF5

 FEFFF5

Harmonies

Analogous

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



7490FF



E56AF5



FF48AF

Triad

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



E56AF5



C99400



00BDD6

Complementary

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



E56AF5



7AF56A

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.



00BC8A



E56AF5



84AA00

Square

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



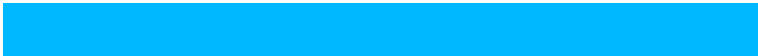
E56AF5



FE741D



00B63D



00B8FF

Rectangle

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



E56AF5



FF477E



00B63D



00BDBE

Sweetspot

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



E56AF5



FAD4FF



6A7AF5



7D6680



000000



808080

Same Dimension

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



E56AF5



EB52FF



F56AC0



796E7A



A500BA



34003B

Inverse Universe

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



F56A7A



FF5266



6AF59F



7A6E70



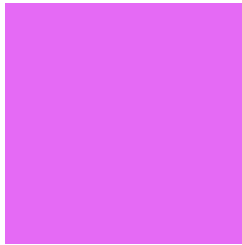
BA0015



3B0007

Previews

White Background



This preview shows how the Hex color E56AF5 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

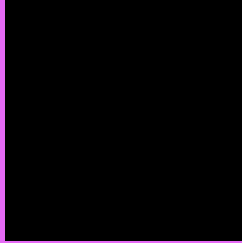
Any Text WCAG AA ✓ Pass

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 E56AF5 Background



This preview shows how black text looks on a background with the Hex color E56AF5.

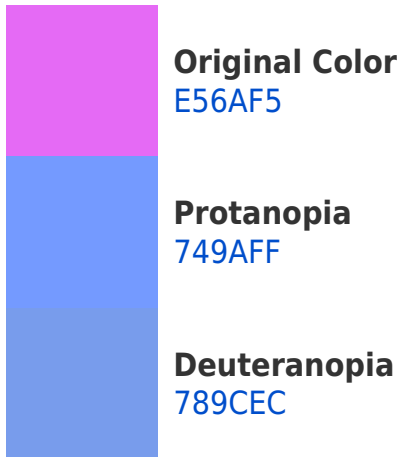



This preview shows how white text looks on a background with the Hex color E56AF5.

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
D8858F

Trichromacy



Original Color
E56AF5



Protanomaly
9D89FB



Deuteranomaly
A08AEF



Tritanomaly
DD7BB4

Monochromacy



Original Color
E56AF5



Achromatopsia
9F9F9F



Achromatomaly
B88CBE

CSS Examples

Text

The CSS property to change the color of the text to Hex E56AF5 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 #E56AF5 looks like.

```
.text, #text, p{  
    color:#E56AF5  
}
```

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 #E56AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E56AF5
}
```

Border

The CSS property to change the border of an element to Hex E56AF5 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
#E56AF5 }
```

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

```
.border{ border-color:#E56AF5 }
```

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

Here you see how a box with a 4 pixel #E56AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E56AF5; -webkit-box-shadow:4px 4px  
4px 4px #E56AF5; box-shadow:4px 4px 4px  
4px #E56AF5 }
```

Background

The CSS property to change the background color of an element to Hex E56AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E56AF5 }
```

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

```
.background{ background-color:#E56AF5 }
```

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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