

# Converting Colors

Hex(EA61FF)

Have a look what the booklet for  
Hex(EA61FF) contains.

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# Color

Hex(EA61FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	EA61FF
RGB	234, 97, 255
RGB Percent	92%, 38%, 100%
CMY	0.0824, 0.6196, 0.0000
CMYK	0.08, 0.62, 0.00, 0.00
HSL	292°, 100%, 69%
HSV	292°, 62%, 100%
XYZ	56.2564, 33.2618, 98.0629
YIQ	155.9750, 30.9340, 78.1820

# Conversions

## Conversions Part 2

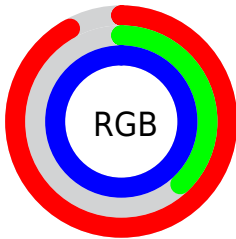
Format	Color
R <sub>Y</sub> B	234, 97, 255
Decimal	15360511
CIE Lab	64.37, 73.37, -54.57
CIE LCh	64, 91.441, 323.361
Yxy	33.2618, 0.2999, 0.1773
Android (android.graphics.Color)	4293550591 (0xFFEA61FF)
YUV	155.9750, 48.8193, 68.4279
Hunter-Lab	57.6731, 73.1875, -60.4411

# Details

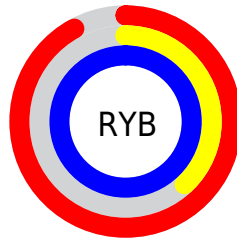
The Hex color **EA61FF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **76FF61**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF9BFF**, and **AF1FC6** is the 20% darker color. If you saturate the color by 10%, you get **E747FF**, and if you desaturate by 10%, it is **ED7AFF**.

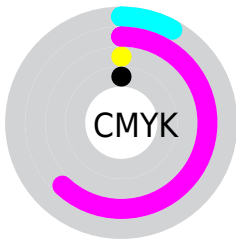
# Distribution



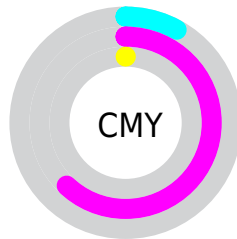
- Red (92%)
- Green (38%)
- Blue (100%)



- Red (92%)
- Yellow (38%)
- Blue (100%)



- Cyan (8%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (62%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA61FF 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 EA61FF by changing the saturation by 10% instead.



 EA61FF

FFFFFF

 FF9BFF

 FFB8FF

 FFD5FF

 FFF3FF

 EA61FF

 CC43E2

 AF1FC6

 9200AA

 75008F

 590074

 3D005B

 200043

 00002B

 000115

 EA61FF

 EA61FF

 E747FF

 ED7AFF

 E32EFF

 F194FF

 E014FF

 F4AEFF

 DD00FF

 F8C7FF

 FBE1FF

 FEFAFF

 FFFFFFFF

# Harmonies

## Analogous

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



628FFF



EA61FF



FF2DB2

# Triad

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



EA61FF



CC9200



00BFDB

# Complementary

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



EA61FF



76FF61

# 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.



00BE87



EA61FF



7FAB00

# Square

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



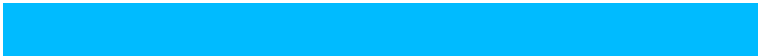
EA61FF



FF6C00



00B82D



00BBFF

# Rectangle

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



EA61FF



FF2C7C



00B82D



00BFC0



# Sweetspot

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



EA61FF



F9CFFF



6176FF



7C6280



000000



808080



# Same Dimension

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



EA61FF



E642FF



FF61C5



7E7380



A600BF



370040



# Inverse Universe

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



FF6176



FF425B



61FF9B



807374



BF0019



400008



# Previews

## White Background



This preview shows how the Hex color EA61FF looks on a white background.

## Color Contrast Check

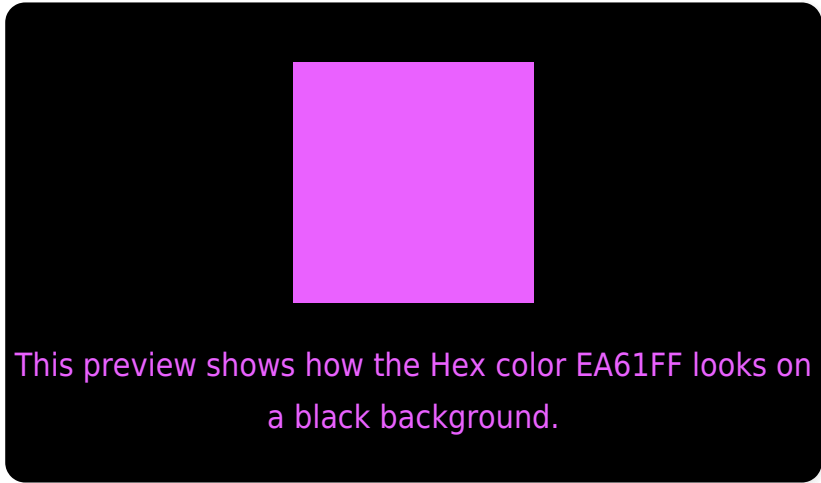
Large Text (above 18pt) WCAG AA × Fail

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

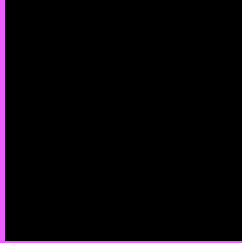
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EA61FF Background



This preview shows how black text looks on a background with the Hex color EA61FF.

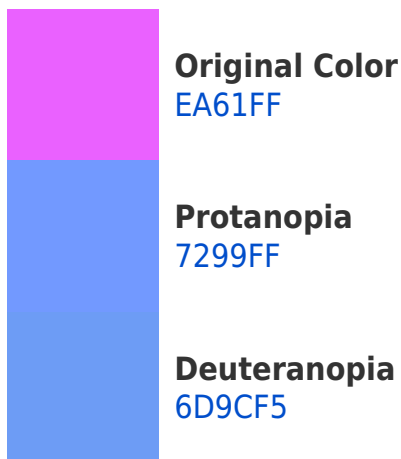



This preview shows how white text looks on a background with the Hex color EA61FF.

# 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](#).

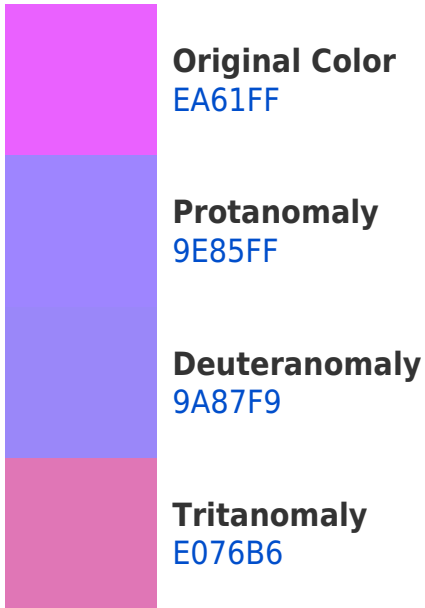
## Dichromacy



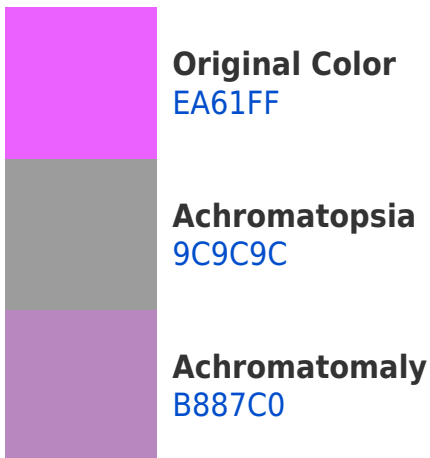


**Tritanopia**  
DB828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA61FF 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 #EA61FF looks like.

```
.text, #text, p{  
    color:#EA61FF  
}
```

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 #EA61FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA61FF
}
```

## Border

The CSS property to change the border of an element to Hex EA61FF 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
#EA61FF }
```

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

```
.border{ border-color:#EA61FF }
```

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

Here you see how a box with a 4 pixel #EA61FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA61FF; -webkit-box-shadow:4px 4px  
4px 4px #EA61FF; box-shadow:4px 4px 4px  
4px #EA61FF }
```

# Background

The CSS property to change the background color of an element to Hex EA61FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA61FF }
```

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

```
.background{ background-color:#EA61FF }
```

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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