

Converting Colors

Hex(6174EA)

Have a look what the booklet for
Hex(6174EA) contains.

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Color

Hex(6174EA)

Conversions

Conversions Part 1

Format	Color
Hex	6174EA
RGB	97, 116, 234
RGB Percent	38%, 45%, 92%
CMY	0.6196, 0.5451, 0.0824
CMYK	0.59, 0.50, 0.00, 0.08
HSL	232°, 77%, 65%
HSV	232°, 59%, 92%
XYZ	26.0264, 20.9727, 80.5183
YIQ	123.7710, -49.2020, 32.6700

Conversions

Conversions Part 2

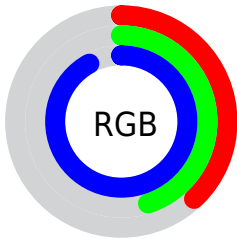
Format	Color
R _{YB}	97, 114, 234
Decimal	6386922
CIE Lab	52.92, 27.62, -62.03
CIE LCh	53, 67.903, 293.999
Yxy	20.9727, 0.2041, 0.1645
Android (android.graphics.Color)	4284577002 (0xFF6174EA)
YUV	123.7710, 54.3429, -23.4782
Hunter-Lab	45.7959, 21.3010, -72.1863

Details

The Hex color **6174EA** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EAD761**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9DA8FF**, and **1244B1** is the 20% darker color. If you saturate the color by 10%, you get **4A60EA**, and if you desaturate by 10%, it is **7888EA**.

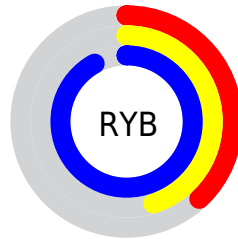
Distribution



Red (38%)

Green (45%)

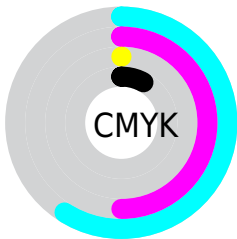
Blue (92%)



Red (38%)

Yellow (45%)

Blue (92%)

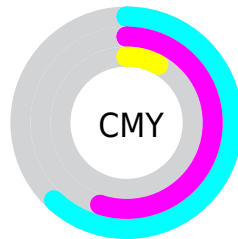


Cyan (59%)

Magenta (50%)

Yellow (0%)

Black (8%)



Cyan (62%)

Magenta (55%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6174EA 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 6174EA by changing the saturation by 10% instead.

■ 6174EA

■ 6174EA

FFFFFF

■ 405CCD

■ 9DA8FF

■ 1244B1

■ BBC3FF

■ 002F96

■ D9DFFF

■ 001B7C

■ F8FBFF

■ 000462


■ 000949

■ 000432

■ 00011C

■ 000000

 6174EA

 6174EA

 4A60EA

 7888EA

 324CEA

 909CEA

 1B38EA

 A7B0EA

 0323EA

 BFC5EA

 0020EA

 D6D9EA

 EDEDEA

 FFFFEA

Harmonies

Analogous

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



0089F3



6174EA



B857C4

Triad

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



6174EA



CC5E1B



009870

Complementary

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



6174EA



EAD761

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.



009334



6174EA



A27800

Square

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



6174EA



E34353



6B8900



0098AC

Rectangle

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



6174EA



D644A0



6B8900



00975C

Sweetspot

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



6174EA



D1D7FF



61EAD5



636780



000000



808080

Same Dimension

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



6174EA



4D65FF



9161EA



6A6B75



0019B5



000736

Inverse Universe

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



EA6174



FF4D65



BAEA61



756A6B



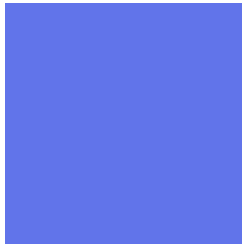
B50019



360007

Previews

White Background



This preview shows how the Hex color 6174EA looks on a white background.

Color Contrast Check

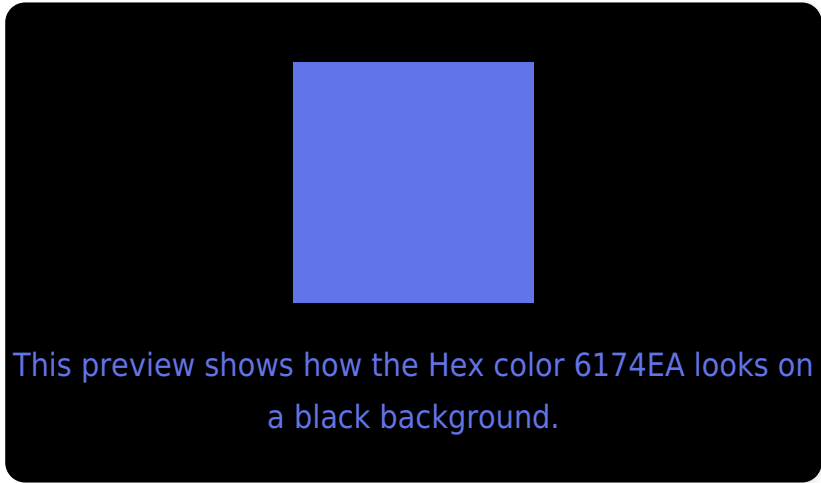
Large Text (above 18pt) WCAG AA ✓ Pass

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

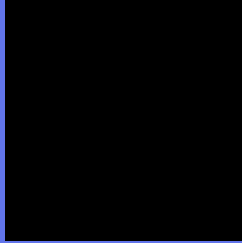
Any Text WCAG AA ✓ Pass

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 6174EA Background



This preview shows how black text looks on a background with the Hex color 6174EA.



This preview shows how white text looks on a background with the Hex color 6174EA.

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](#).

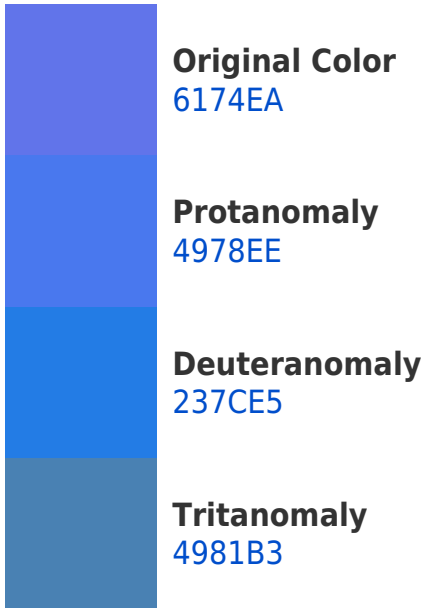
Dichromacy





Tritanopia
3C8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6174EA 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 #6174EA looks like.

```
.text, #text, p{  
    color:#6174EA  
}
```

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 #6174EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6174EA
}
```

Border

The CSS property to change the border of an element to Hex 6174EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

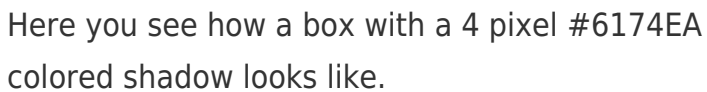
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6174EA }
```

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

```
.border{ border-color:#6174EA }
```

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



Here you see how a box with a 4 pixel #6174EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6174EA; -webkit-box-shadow:4px 4px  
4px 4px #6174EA; box-shadow:4px 4px 4px  
4px #6174EA }
```

Background

The CSS property to change the background color of an element to Hex 6174EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6174EA }
```

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

```
.background{ background-color:#6174EA }
```

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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