

Converting Colors

Hex(6A75E1)

Have a look what the booklet for
Hex(6A75E1) contains.

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Color

Hex(6A75E1)

Conversions

Conversions Part 1

Format	Color
Hex	6A75E1
RGB	106, 117, 225
RGB Percent	42%, 46%, 88%
CMY	0.5843, 0.5412, 0.1176
CMYK	0.53, 0.48, 0.00, 0.12
HSL	234°, 66%, 65%
HSV	234°, 53%, 88%
XYZ	25.8958, 21.2230, 73.9658
YIQ	126.0230, -41.2240, 31.2560

Conversions

Conversions Part 2

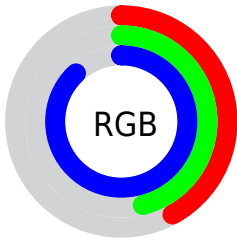
Format	Color
RYB	106, 116, 225
Decimal	6976993
CIELab	53.19, 25.90, -56.52
CIELCh	53, 62.167, 294.618
Yxy	21.2230, 0.2139, 0.1753
Android (android.graphics.Color)	4285167073 (0xFF6A75E1)
YUV	126.0230, 48.7957, -17.5602
Hunter-Lab	46.0684, 19.7178, -62.9459

Details

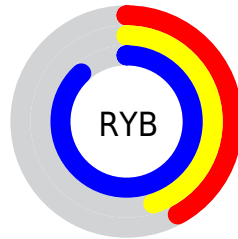
The Hex color **6A75E1** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E1D66A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A4A9FF**, and **2A45A9** is the 20% darker color. If you saturate the color by 10%, you get **5461E1**, and if you desaturate by 10%, it is **8189E1**.

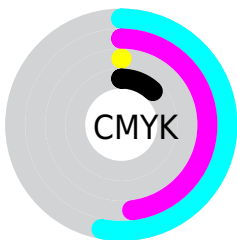
Distribution



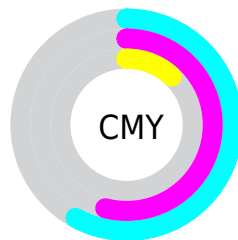
- Red (42%)
- Green (46%)
- Blue (88%)



- Red (42%)
- Yellow (45%)
- Blue (88%)



- Cyan (53%)
- Magenta (48%)
- Yellow (0%)
- Black (12%)



- Cyan (58%)
- Magenta (54%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A75E1 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 6A75E1 by changing the saturation by 10% instead.

■ 6A75E1

■ 6A75E1

FFFFFF

■ 4C5CC5

■ A4A9FF

■ 2A45A9

■ C2C4FF

■ 002F8E

■ DFE0FF

■ 001B74

■ FDFDFF

■ 00045A

■ 000742

■ 00032B

■ 000115

■ 000000

■ 6A75E1

■ 6A75E1

■ 5461E1

■ 8189E1

■ 3D4CE1

■ 979EE1

■ 2738E1

■ ADB2E1

■ 1023E1

■ C4C7E1

■ 0015E1

■ DBDBE1

■ F1F0E1

■ FFFFE1

Harmonies

Analogous

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



0088EA



6A75E1



B65CBE

Triad

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



6A75E1



C76326



009773

Complementary

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



6A75E1



E1D66A

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.



17923D



6A75E1



A07900

Square

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



6A75E1



DC4D56



6E8903



0097AA

Rectangle

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



6A75E1



D14D9D



6E8903



009661

Sweetspot

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



6A75E1



D6DAFF



6AE1D5



676A80



000000



808080

Same Dimension

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



6A75E1



5E6DFF



9A6AE1



656670



0010B0



000430

Inverse Universe

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



E16A75



FF5E6D



B1E16A



706566



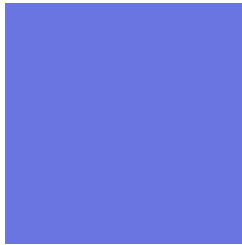
B00010



300004

Previews

White Background



This preview shows how the Hex color 6A75E1 looks on a white background.

Color Contrast Check

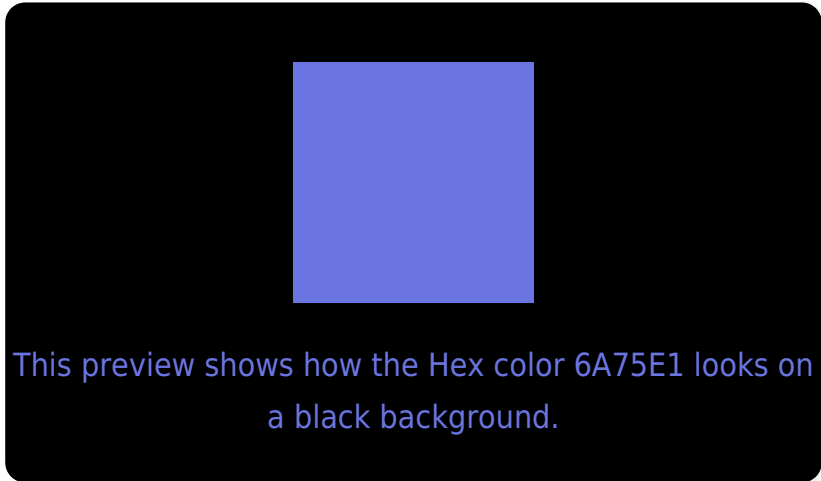
Large Text (above 18pt) WCAG AA ✓ Pass

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

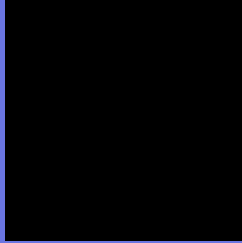
Any Text WCAG AA ✓ Pass

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 6A75E1 Background



This preview shows how black text looks on a background with the Hex color 6A75E1.

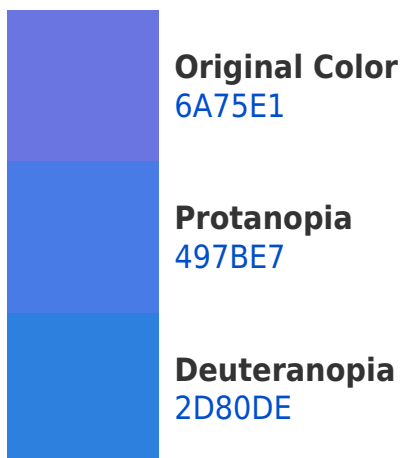


This preview shows how white text looks on a background with the Hex color 6A75E1.

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](#).

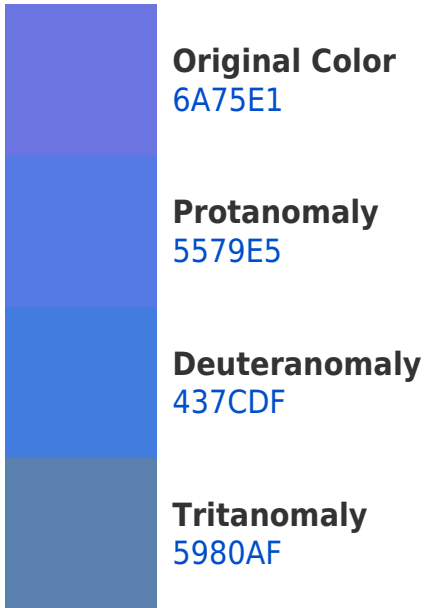
Dichromacy



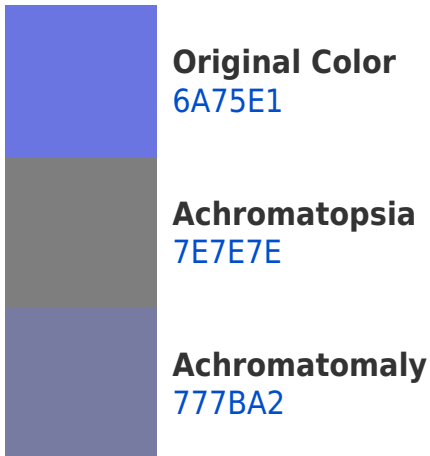


Tritanopia
4F8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A75E1 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 #6A75E1 looks like.

```
.text, #text, p{  
    color:#6A75E1  
}
```

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 #6A75E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A75E1
}
```

Border

The CSS property to change the border of an element to Hex 6A75E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

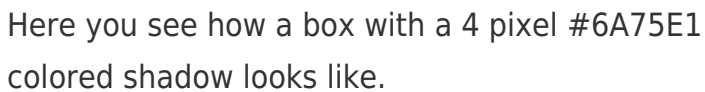
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A75E1 }
```

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

```
.border{ border-color:#6A75E1 }
```

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



Here you see how a box with a 4 pixel #6A75E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A75E1; -webkit-box-shadow:4px 4px  
4px 4px #6A75E1; box-shadow:4px 4px 4px  
4px #6A75E1 }
```

Background

The CSS property to change the background color of an element to Hex 6A75E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A75E1 }
```

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

```
.background{ background-color:#6A75E1 }
```

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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