

# Converting Colors

Hex(6A7DE2)

Have a look what the booklet for  
Hex(6A7DE2) contains.

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# **Color**

**Hex(6A7DE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A7DE2
RGB	106, 125, 226
RGB Percent	42%, 49%, 89%
CMY	0.5843, 0.5098, 0.1137
CMYK	0.53, 0.45, 0.00, 0.11
HSL	230°, 67%, 65%
HSV	230°, 53%, 89%
XYZ	27.0049, 23.2224, 75.0106
YIQ	130.8330, -43.7450, 27.3830

# Conversions

## Conversions Part 2

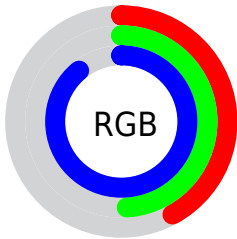
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	106, 122, 226
Decimal	6979042
CIE Lab	55.30, 21.37, -53.71
CIE LCh	55, 57.803, 291.701
Yxy	23.2224, 0.2156, 0.1854
Android (android.graphics.Color)	4285169122 (0xFF6A7DE2)
YUV	130.8330, 46.9173, -21.7785
Hunter-Lab	48.1896, 15.6977, -58.5564

# Details

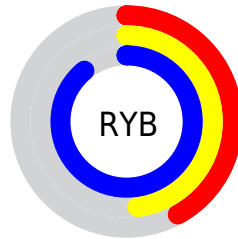
The Hex color **6A7DE2** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E2CF6A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A4B1FF**, and **2A4DAA** is the 20% darker color. If you saturate the color by 10%, you get **536AE2**, and if you desaturate by 10%, it is **8190E2**.

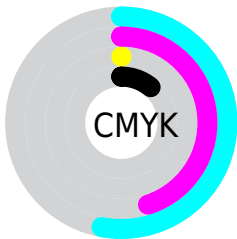
# Distribution



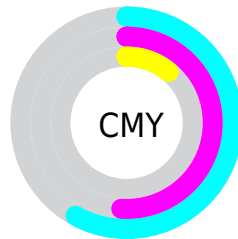
- Red (42%)
- Green (49%)
- Blue (89%)



- Red (42%)
- Yellow (48%)
- Blue (89%)



- Cyan (53%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (58%)
- Magenta (51%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7DE2 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 6A7DE2 by changing the saturation by 10% instead.



■ 6A7DE2

■ 6A7DE2

FFFFFF

■ 4C64C6

■ A4B1FF

■ 2A4DAA

■ C1CDFF

■ 00368F

■ DFE9FF

■ 002275

FDFFFF

■ 000E5B

■ 000643

■ 00032C

■ 000116

■ 000000

■ 6A7DE2

■ 6A7DE2

■ 536AE2

■ 8190E2

■ 3D57E2

■ 97A3E2

■ 2644E2

■ AEB6E2

■ 1031E2

■ C4C9E2

■ 0024E2

■ DBDCE2

■ F2EFE2

■ FFFFE2

# Harmonies

## Analogous

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



008EE8



6A7DE2



B367C3

# Triad

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



6A7DE2



CC6936



009B74

# Complementary

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



6A7DE2



E2CF6A

# 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.



399643



6A7DE2



A97D14

# Square

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



6A7DE2



DE5762



7B8D1A



009CA8

# Rectangle

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



6A7DE2



CF5AA5



7B8D1A



009A63



# Sweetspot

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



6A7DE2



D6DDFF



6AE2CE



676B80



000000



808080



# Same Dimension

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



6A7DE2



5C76FF



926AE2



656770



001CB0



000830



# Inverse Universe

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



E26A7D



FF5C76



BAE26A



706567



B0001C

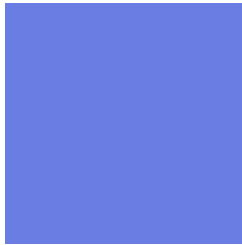


300008



# Previews

## White Background



This preview shows how the Hex color 6A7DE2 looks on a white background.

## Color Contrast Check

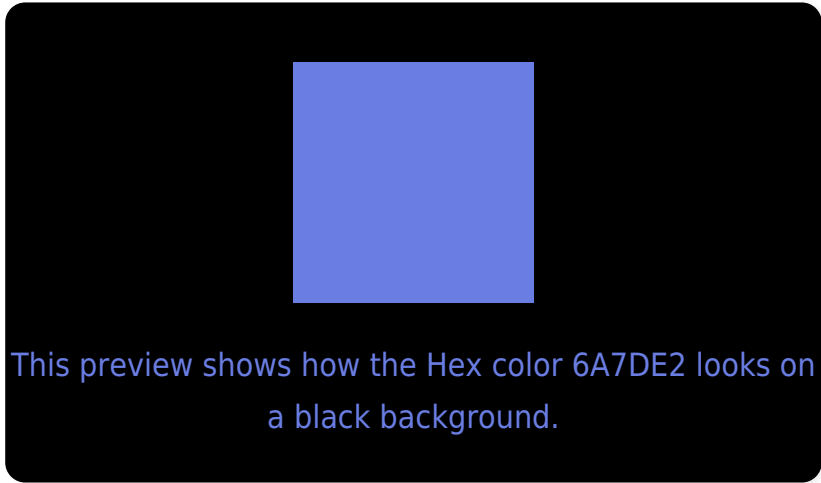
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A7DE2 Background



This preview shows how black text looks on a background with the Hex color 6A7DE2.



This preview shows how white text looks on a background with the Hex color 6A7DE2.

# 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](#).

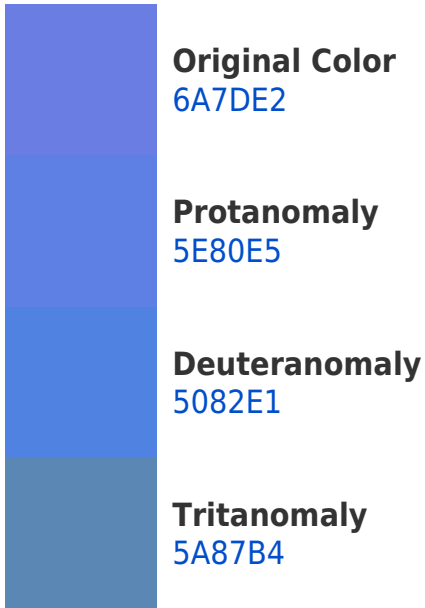
## Dichromacy



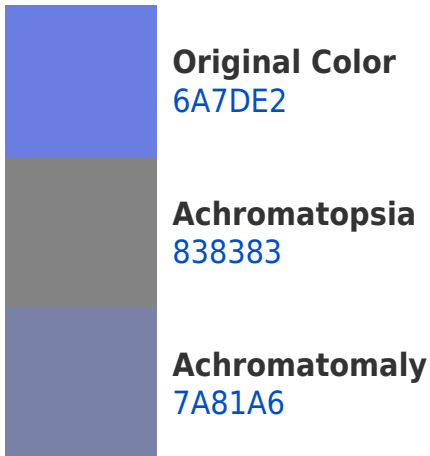


**Tritanopia**  
518D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7DE2 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 #6A7DE2 looks like.

```
.text, #text, p{  
    color:#6A7DE2  
}
```

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 #6A7DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7DE2
}
```

## Border

The CSS property to change the border of an element to Hex 6A7DE2 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
#6A7DE2 }
```

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

```
.border{ border-color:#6A7DE2 }
```

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

Here you see how a box with a 4 pixel #6A7DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7DE2; -webkit-box-shadow:4px 4px  
4px 4px #6A7DE2; box-shadow:4px 4px 4px  
4px #6A7DE2 }
```

# Background

The CSS property to change the background color of an element to Hex 6A7DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7DE2 }
```

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

```
.background{ background-color:#6A7DE2 }
```

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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