

Converting Colors

Hex(6B8AE3)

Have a look what the booklet for
Hex(6B8AE3) contains.

Hex(6B8AE3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B8AE3)

Conversions

Conversions Part 1

Format	Color
Hex	6B8AE3
RGB	107, 138, 227
RGB Percent	42%, 54%, 89%
CMY	0.5804, 0.4588, 0.1098
CMYK	0.53, 0.39, 0.00, 0.11
HSL	224°, 68%, 65%
HSV	224°, 53%, 89%
XYZ	29.0170, 26.8488, 76.3260
YIQ	138.8770, -47.0450, 21.1070

Conversions

Conversions Part 2

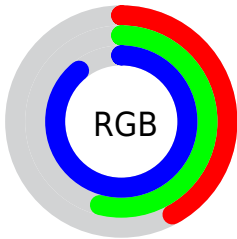
Format	Color
RYB	107, 132, 227
Decimal	7047907
CIELab	58.83, 14.11, -48.64
CIELCh	59, 50.646, 286.179
Yxy	26.8488, 0.2195, 0.2031
Android (android.graphics.Color)	4285237987 (0xFF6B8AE3)
YUV	138.8770, 43.4446, -27.9561
Hunter-Lab	51.8158, 9.2828, -51.0646

Details

The Hex color **6B8AE3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E3C46B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A5BFFF**, and **2C59AB** is the 20% darker color. If you saturate the color by 10%, you get **5479E3**, and if you desaturate by 10%, it is **829BE3**.

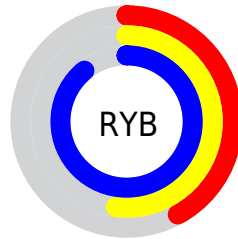
Distribution



Red (42%)

Green (54%)

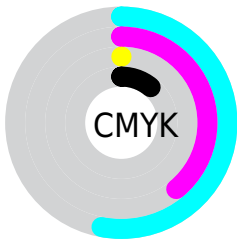
Blue (89%)



Red (42%)

Yellow (52%)

Blue (89%)

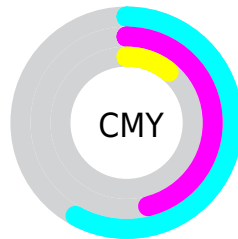


Cyan (53%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (58%)

Magenta (46%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8AE3 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 6B8AE3 by changing the saturation by 10% instead.

■ 6B8AE3

■ 6B8AE3

FFFFFF

■ 4D71C7

■ A5BFFF

■ 2C59AB

■ C2DBFF

■ 004290

■ E0F7FF

■ 002C76

FDFFFF

■ 00195D

■ 000145

■ 00032D

■ 000118

■ 000000

■ 6B8AE3

■ 6B8AE3

■ 5479E3

■ 829BE3

■ 3E68E3

■ 98ACE3

■ 2757E3

■ AFBDE3

■ 1047E3

■ C6CDE3

■ 003BE3

■ DCDEE3

■ F3EFE3

■ FFFFE3

Harmonies

Analogous

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



0098E4



6B8AE3



AF78CB

Triad

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



6B8AE3



D4734F



00A277

Complementary

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



6B8AE3



E3C46B

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.



5C9D4D



6B8AE3



B78434

Square

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



6B8AE3



E06777



8F9332



00A4A5

Rectangle

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



6B8AE3



CB6DB2



8F9332



26A168

Sweetspot

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



6B8AE3



D6E1FF



6BE3C3



676E80



000000



808080

Same Dimension

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



6B8AE3



5E88FF



876BE3



676A73



002EB3



000D33

Inverse Universe

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



E36B8A



FF5E88



C7E36B



73676A



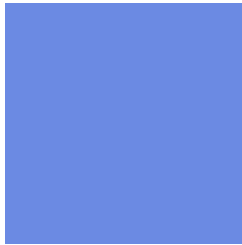
B3002E



33000D

Previews

White Background



This preview shows how the Hex color 6B8AE3 looks on a white background.

Color Contrast Check

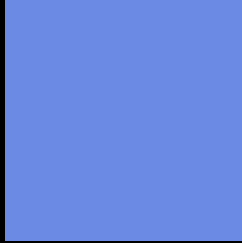
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6B8AE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

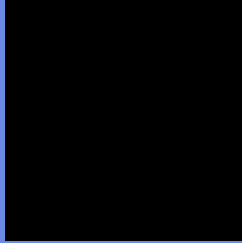
Any Text WCAG AA ✓ Pass

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 6B8AE3 Background



This preview shows how black text looks on a background with the Hex color 6B8AE3.

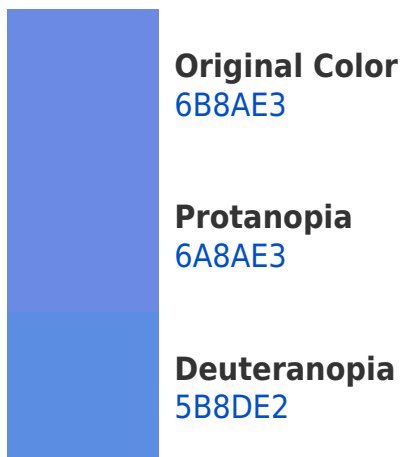


This preview shows how white text looks on a background with the Hex color 6B8AE3.

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](#).

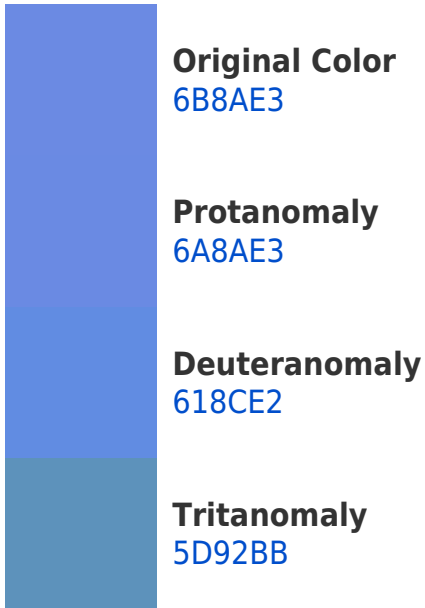
Dichromacy



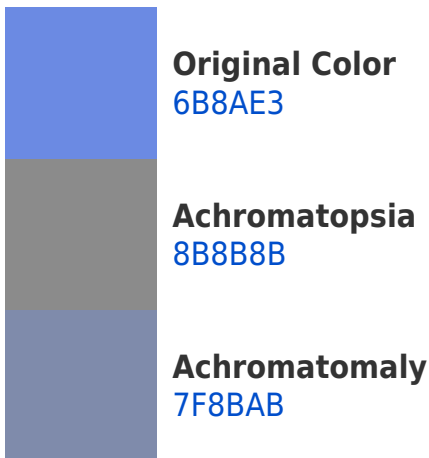


Tritanopia
5597A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8AE3 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 #6B8AE3 looks like.

```
.text, #text, p{  
    color:#6B8AE3  
}
```

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 #6B8AE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8AE3
}
```

Border

The CSS property to change the border of an element to Hex 6B8AE3 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
#6B8AE3 }
```

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

```
.border{ border-color:#6B8AE3 }
```

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

Here you see how a box with a 4 pixel #6B8AE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8AE3; -webkit-box-shadow:4px 4px  
4px 4px #6B8AE3; box-shadow:4px 4px 4px  
4px #6B8AE3 }
```

Background

The CSS property to change the background color of an element to Hex 6B8AE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8AE3 }
```

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

```
.background{ background-color:#6B8AE3 }
```

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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