

Converting Colors

Hex(6BA5E8)

Have a look what the booklet for
Hex(6BA5E8) contains.

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Color

Hex(6BA5E8)

Conversions

Conversions Part 1

Format	Color
Hex	6BA5E8
RGB	107, 165, 232
RGB Percent	42%, 65%, 91%
CMY	0.5804, 0.3529, 0.0902
CMYK	0.54, 0.29, 0.00, 0.09
HSL	212°, 73%, 66%
HSV	212°, 54%, 91%
XYZ	34.0840, 35.8623, 81.4696
YIQ	155.2960, -56.0750, 8.5410

Conversions

Conversions Part 2

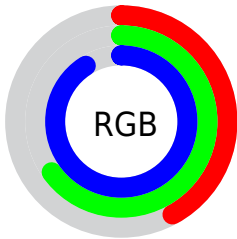
Format	Color
R_{YB}	107, 147, 232
Decimal	7054824
CIE _{Lab}	66.41, -0.01, -39.48
CIE _{LCh}	66, 39.475, 269.990
Yxy	35.8623, 0.2251, 0.2368
Android (android.graphics.Color)	4285244904 (0xFF6BA5E8)
YUV	155.2960, 37.8151, -42.3556
Hunter-Lab	59.8851, -3.2044, -38.7404

Details

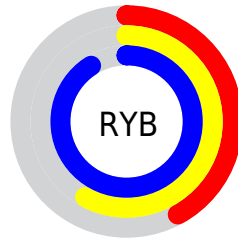
The Hex color **6BA5E8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E8AE6B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A5DCFF**, and **2B72B0** is the 20% darker color. If you saturate the color by 10%, you get **5499E8**, and if you desaturate by 10%, it is **82B1E8**.

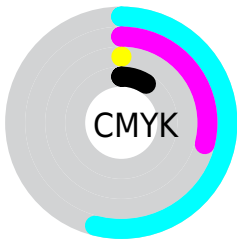
Distribution



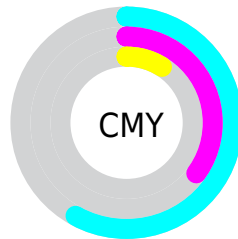
- Red (42%)
- Green (65%)
- Blue (91%)



- Red (42%)
- Yellow (58%)
- Blue (91%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)



- Cyan (58%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA5E8 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 6BA5E8 by changing the saturation by 10% instead.

 6BA5E8

 6BA5E8

FFFFFF

 4D8BCC

 A5DCFF

 2B72B0

 C2F8FF

 005995

 E0FFFF

 00427B

FEFFFF

 002D62

 001949

 000432

 00021D

 000000

■ 6BA5E8

■ 6BA5E8

■ 5499E8

■ 82B1E8

■ 3D8CE8

■ 99BEE8

■ 2580E8

■ B1CAE8

■ 0E73E8

■ C8D7E8

■ 006CE8

■ DFE3E8

■ F6F0E8

■ FFFCE8

■ FFFFE8

Harmonies

Analogous

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



15AEDE



6BA5E8



A598DF

Triad

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



6BA5E8



E48880



69B17D

Complementary

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



6BA5E8



E8AE6B

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.



94AA63



6BA5E8



D59365

Square

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



6BA5E8



E385A3



B89F5A



30B4A0

Rectangle

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



6BA5E8



C290CF



B89F5A



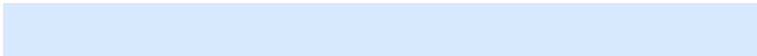
78AF73

Sweetspot

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



6BA5E8



D6E9FF



6BE8AE



677380



000000



808080

Same Dimension

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



6BA5E8



59A6FF



6F6BE8



676D73



0053B3



001833

Inverse Universe

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



E86BA5



FF59A6



E4E86B



73676D



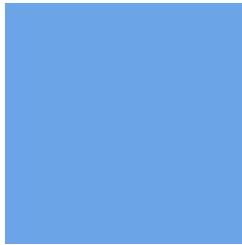
B30053



330018

Previews

White Background



This preview shows how the Hex color 6BA5E8 looks on a white background.

Color Contrast Check

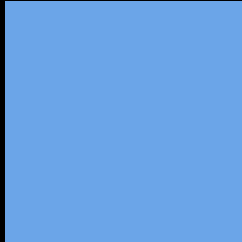
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6BA5E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

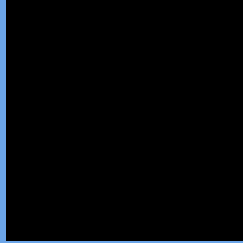
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

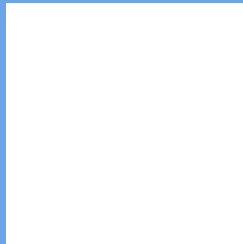
Any Text WCAG AAA ✓ Pass

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

Hex 6BA5E8 Background



This preview shows how black text looks on a background with the Hex color 6BA5E8.

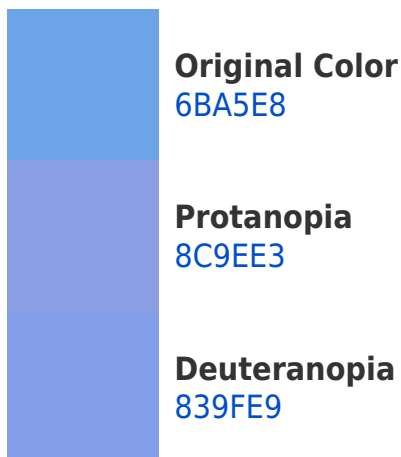


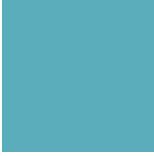
This preview shows how white text looks on a background with the Hex color 6BA5E8.

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](#).

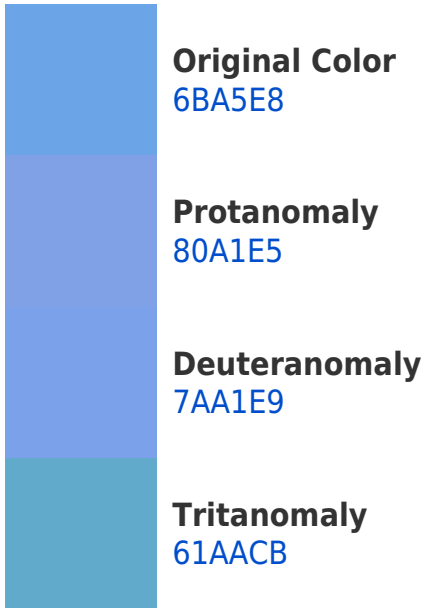
Dichromacy



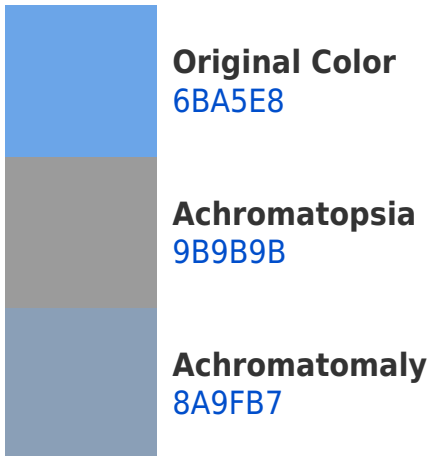


Tritanopia
5BADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA5E8 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 #6BA5E8 looks like.

```
.text, #text, p{  
    color:#6BA5E8  
}
```

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 #6BA5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA5E8  
}
```

Border

The CSS property to change the border of an element to Hex 6BA5E8 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  
#6BA5E8 }
```

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

```
.border{ border-color:#6BA5E8 }
```

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

Here you see how a box with a 4 pixel #6BA5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA5E8; -webkit-box-shadow:4px 4px  
4px 4px #6BA5E8; box-shadow:4px 4px 4px  
4px #6BA5E8 }
```

Background

The CSS property to change the background color of an element to Hex 6BA5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA5E8 }
```

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

```
.background{ background-color:#6BA5E8 }
```

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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