

Converting Colors

Hex(6BAFE0)

Have a look what the booklet for
Hex(6BAFE0) contains.

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Color

Hex(6BAFE0)

Conversions

Conversions Part 1

Format	Color
Hex	6BAFE0
RGB	107, 175, 224
RGB Percent	42%, 69%, 88%
CMY	0.5804, 0.3137, 0.1216
CMYK	0.52, 0.22, 0.00, 0.12
HSL	205°, 65%, 65%
HSV	205°, 52%, 88%
XYZ	34.8479, 39.1676, 76.2444
YIQ	160.2540, -56.2570, 0.8230

Conversions

Conversions Part 2

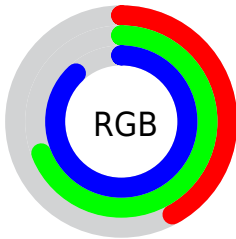
Format	Color
RYB	107, 150, 224
Decimal	7057376
CIELab	68.87, -7.97, -31.27
CIELCh	69, 32.268, 255.706
Yxy	39.1676, 0.2319, 0.2607
Android (android.graphics.Color)	4285247456 (0xFF6BAFE0)
YUV	160.2540, 31.4268, -46.7038
Hunter-Lab	62.5840, -10.1299, -28.4226

Details

The Hex color **6BAFE0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E09C6B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A5E6FF**, and **2D7BA9** is the 20% darker color. If you saturate the color by 10%, you get **55A6E0**, and if you desaturate by 10%, it is **81B8E0**.

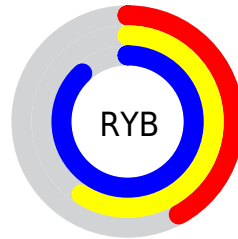
Distribution



Red (42%)

Green (69%)

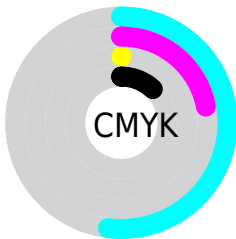
Blue (88%)



Red (42%)

Yellow (59%)

Blue (88%)

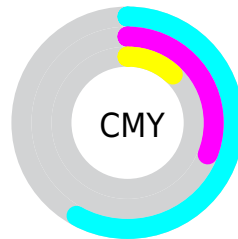


Cyan (52%)

Magenta (22%)

Yellow (0%)

Black (12%)



Cyan (58%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BAFE0 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 6BAFE0 by changing the saturation by 10% instead.

6BAFE0

6BAFE0

FFFFFF

4E94C4

A5E6FF

2D7BA9

C2FFFF

00628E

DFFFFF

004A74

FDFFFF

00345B

001F44

00032D

000118

000000

6BAFE0

6BAFE0

55A6E0

81B8E0

3E9CE0

98C2E0

2893E0

AECBE0

1189E0

C5D5E0

0082E0

DBDEE0

F1E7E0

FFF1E0

FFFAE0

FFFFE0

Harmonies

Analogous

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



48B5D1



6BAFE0



98A6E0

Triad

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



6BAFE0



E2929A



8CB37E

Complementary

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



6BAFE0



E09C6B

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.



ADAB6F



6BAFE0



DC9880

Square

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



6BAFE0



D994B7



C9A170



69B799

Rectangle

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



6BAFE0



B39FD7



C9A170



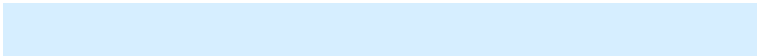
97B078

Sweetspot

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



6BAFE0



D6EEFF



6BE09C



677580



000000



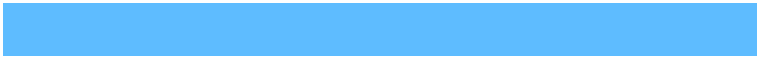
808080

Same Dimension

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



6BAFE0



5EBCFF



6B75E0



656C70



0066B0



001C30

Inverse Universe

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



E06BAF



FF5EBC



E0D66B



70656C



B00066



30001C

Previews

White Background



This preview shows how the Hex color 6BAFE0 looks on a white background.

Color Contrast Check

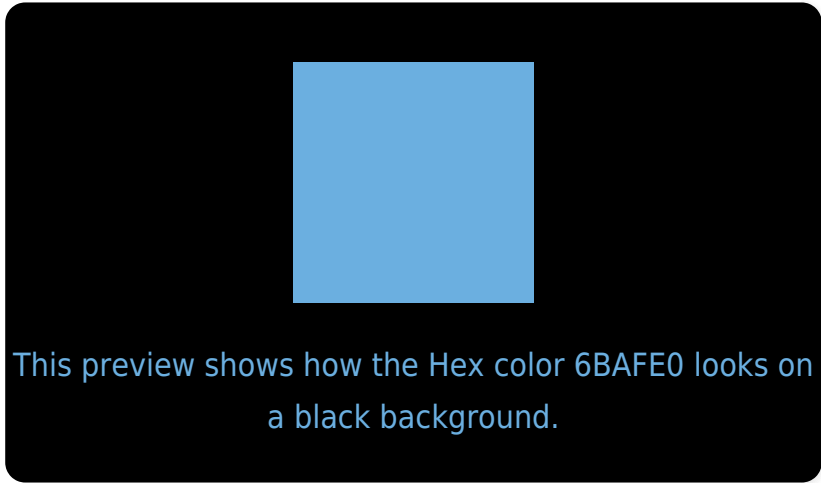
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

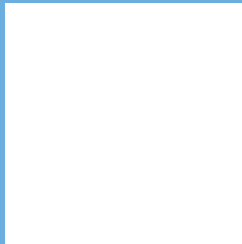
Any Text WCAG AAA ✓ Pass

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

Hex 6BAFE0 Background



This preview shows how black text looks on a background with the Hex color 6BAFE0.

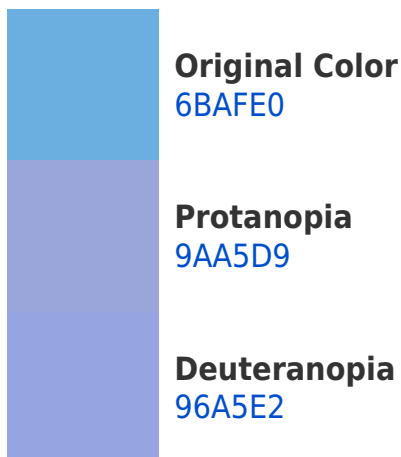


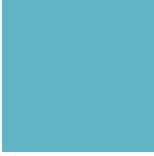
This preview shows how white text looks on a background with the Hex color 6BAFE0.

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](#).

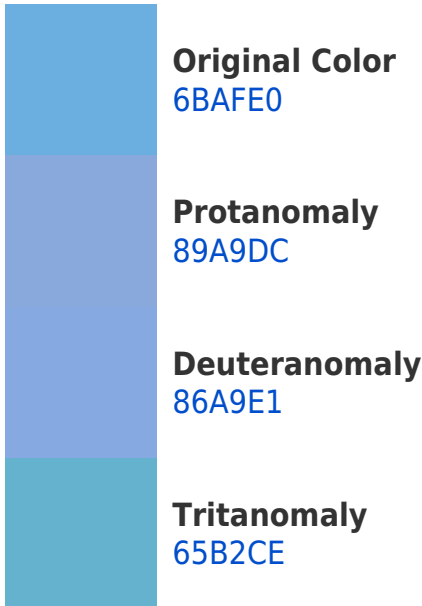
Dichromacy



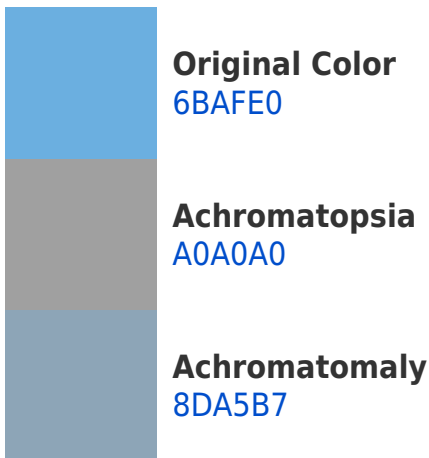


Tritanopia
61B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAFE0 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 #6BAFE0 looks like.

```
.text, #text, p{  
    color:#6BAFE0  
}
```

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 #6BAFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAFE0  
}
```

Border

The CSS property to change the border of an element to Hex 6BAFE0 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  
#6BAFE0 }
```

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

```
.border{ border-color:#6BAFE0 }
```

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

Here you see how a box with a 4 pixel #6BAFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAFE0; -webkit-box-shadow:4px 4px  
4px 4px #6BAFE0; box-shadow:4px 4px 4px  
4px #6BAFE0 }
```

Background

The CSS property to change the background color of an element to Hex 6BAFE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAFE0 }
```

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

```
.background{ background-color:#6BAFE0 }
```

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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