

Converting Colors

Hex(6BA7D1)

Have a look what the booklet for
Hex(6BA7D1) contains.

Hex(6BA7D1)	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(6BA7D1)

Conversions

Conversions Part 1

Format	Color
Hex	6BA7D1
RGB	107, 167, 209
RGB Percent	42%, 65%, 82%
CMY	0.5804, 0.3451, 0.1804
CMYK	0.49, 0.20, 0.00, 0.18
HSL	205°, 53%, 62%
HSV	205°, 49%, 82%
XYZ	31.3907, 35.3667, 65.4936
YIQ	153.8480, -49.2420, 0.3420

Conversions

Conversions Part 2

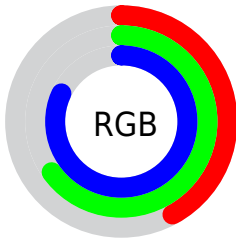
Format	Color
R _Y B	107, 145, 209
Decimal	7055313
CIE Lab	66.03, -7.98, -27.39
CIE LCh	66, 28.529, 253.762
Yxy	35.3667, 0.2374, 0.2674
Android (android.graphics.Color)	4285245393 (0xFF6BA7D1)
YUV	153.8480, 27.1899, -41.0857
Hunter-Lab	59.4699, -9.8524, -23.6665

Details

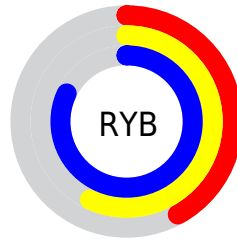
The Hex color **6BA7D1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D1956B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A3DEFF**, and **31739A** is the 20% darker color. If you saturate the color by 10%, you get **569ED1**, and if you desaturate by 10%, it is **80B0D1**.

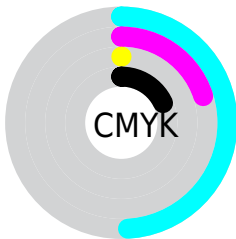
Distribution



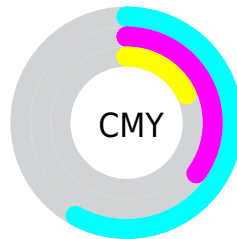
- Red (42%)
- Green (65%)
- Blue (82%)



- Red (42%)
- Yellow (57%)
- Blue (82%)



- Cyan (49%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA7D1 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 6BA7D1 by changing the saturation by 10% instead.


 6BA7D1

 6BA7D1

FFFFFF

 4F8DB5

 A3DEFF

 31739A

 C0FBFF

 055B80

 DDFFFF

 004367

 FBFFFF

 002D4F

 001938

 000222

 000008

 000000

■ 6BA7D1

■ 6BA7D1

■ 569ED1

■ 80B0D1

■ 4196D1

■ 95B8D1

■ 2C8DD1

■ AAC1D1

■ 1785D1

■ BFC9D1

■ 037CD1

■ D3D2D1

■ 007BD1

■ E8DBD1

■ FDE3D1

■ FFECD1

■ FFF4D1

Harmonies

Analogous

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



51ACC3



6BA7D1



919FD2

Triad

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



6BA7D1



D48E95



8AA97B

Complementary

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



6BA7D1



D1956B

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.



A7A36E



6BA7D1



CF927E

Square

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



6BA7D1



CA8FAF



BF9A70



6CAE91

Rectangle

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



6BA7D1



A899CB



BF9A70



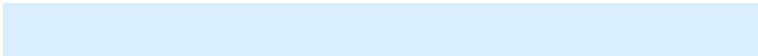
94A775

Sweetspot

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



6BA7D1



D9EFFF



6BD194



697680



000000



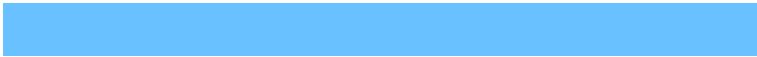
808080

Same Dimension

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



6BA7D1



69C1FF



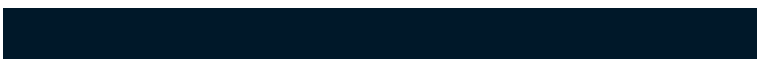
6B75D1



5E6469



0063A8



001829

Inverse Universe

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



D16BA7



FF69C1



D1C76B



695E64



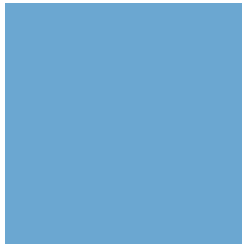
A80063



290018

Previews

White Background



This preview shows how the Hex color 6BA7D1 looks on a white background.

Color Contrast Check

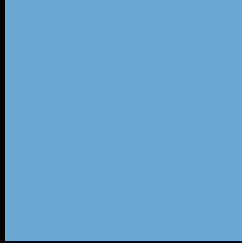
Large Text (above 18pt) WCAG AA × Fail

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 6BA7D1 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

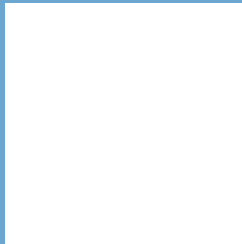
Any Text WCAG AAA ✓ Pass

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

Hex 6BA7D1 Background



This preview shows how black text looks on a background with the Hex color 6BA7D1.

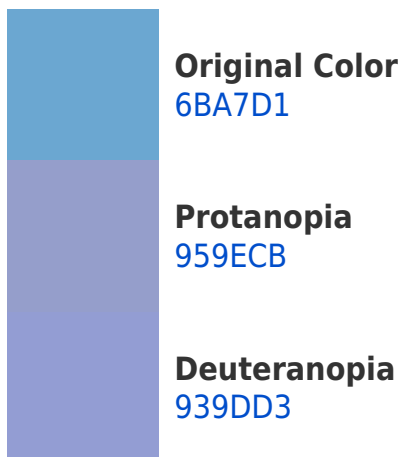


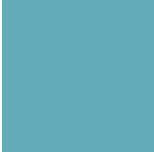
This preview shows how white text looks on a background with the Hex color 6BA7D1.

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](#).

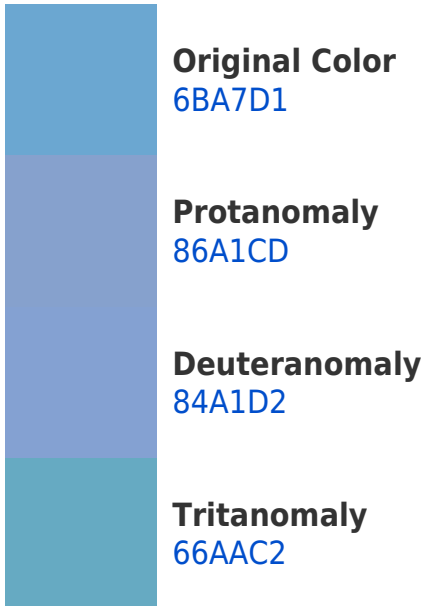
Dichromacy



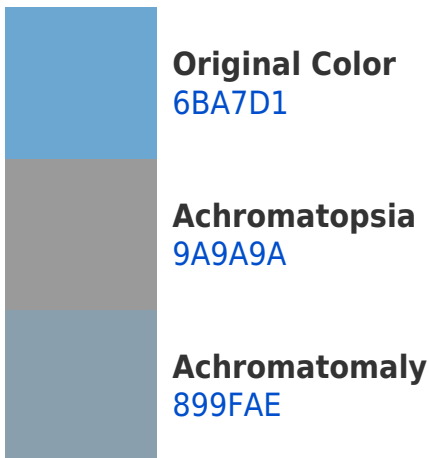


Tritanopia
63ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA7D1 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 #6BA7D1 looks like.

```
.text, #text, p{  
    color:#6BA7D1  
}
```

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 #6BA7D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA7D1
}
```

Border

The CSS property to change the border of an element to Hex 6BA7D1 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
#6BA7D1 }
```

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

```
.border{ border-color:#6BA7D1 }
```

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

Here you see how a box with a 4 pixel #6BA7D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA7D1; -webkit-box-shadow:4px 4px  
4px 4px #6BA7D1; box-shadow:4px 4px 4px  
4px #6BA7D1 }
```

Background

The CSS property to change the background color of an element to Hex 6BA7D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA7D1 }
```

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

```
.background{ background-color:#6BA7D1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor