

# Converting Colors

Hex(6BAEDC)

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

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

# **Color**

**Hex(6BAEDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BAEDC
RGB	107, 174, 220
RGB Percent	42%, 68%, 86%
CMY	0.5804, 0.3176, 0.1373
CMYK	0.51, 0.21, 0.00, 0.14
HSL	204°, 62%, 64%
HSV	204°, 51%, 86%
XYZ	34.1177, 38.5652, 73.3558
YIQ	159.2110, -54.6980, 0.1020

# Conversions

## Conversions Part 2

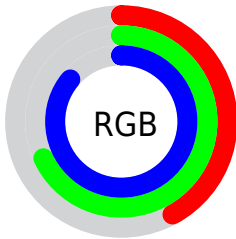
Format	Color
<a href="#">RYB</a>	107, 149, 220
Decimal	7057116
CIELab	68.44, -8.60, -29.75
CIELCh	68, 30.969, 253.879
Yxy	38.5652, 0.2336, 0.2641
Android (android.graphics.Color)	4285247196 (0xFF6BAEDC)
YUV	159.2110, 29.9690, -45.7890
Hunter-Lab	62.1009, -10.6101, -26.5648

# Details

The Hex color **6BAEDC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DC996B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A4E5FF**, and **2E7AA5** is the 20% darker color. If you saturate the color by 10%, you get **55A5DC**, and if you desaturate by 10%, it is **81B7DC**.

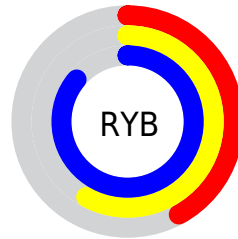
# Distribution



Red (42%)

Green (68%)

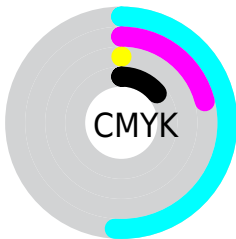
Blue (86%)



Red (42%)

Yellow (58%)

Blue (86%)

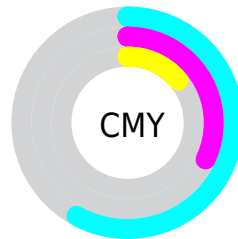


Cyan (51%)

Magenta (21%)

Yellow (0%)

Black (14%)



Cyan (58%)

Magenta (32%)

Yellow (14%)

# Brightness & Saturation Gradients

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



 6BAEDC

 6BAEDC

FFFFFF

 4E93C0

 A4E5FF

 2E7AA5

 C1FFFF

 00618A

 DFFFFF


 004971

 FCFFFF

 003358

 001E40

 00032A

 000115

 000000

■ 6BAEDC

■ 6BAEDC

■ 55A5DC

■ 81B7DC

■ 3F9CDC

■ 97C0DC

■ 2993DC

■ ADC9DC

■ 138ADC

■ C3D2DC

■ 0082DC

■ D9DBDC

■ EFE4DC

■ FFEDDC

■ FFF6DC

■ FFFFDC

# Harmonies

## Analogous

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



4DB4CD



6BAEDC



95A5DD

# Triad

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



6BAEDC



DF929B



8EB17E

# Complementary

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



6BAEDC



DC996B

# 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.



ADA970



6BAEDC



DA9781

# Square

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



6BAEDC



D594B7



C8A072



6DB596

# Rectangle

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



6BAEDC



AF9ED5



C8A072



99AF78

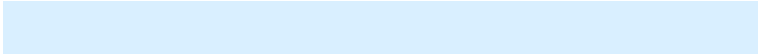


# Sweetspot

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



6BAEDC



D9EFFF



6BDC98



697680



000000



808080



# Same Dimension

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



6BAEDC



61BFFF



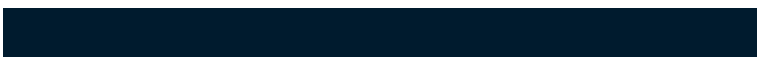
6B76DC



63696E



0067AD



001B2E



# Inverse Universe

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



DC6BAE



FF61BF



DCD16B



6E6369



AD0067

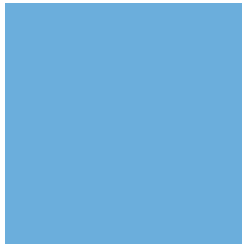


2E001B



# Previews

## White Background



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

## Color Contrast Check

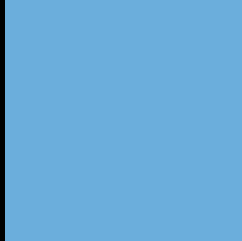
Large Text (above 18pt) WCAG AA × Fail

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 6BAEDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

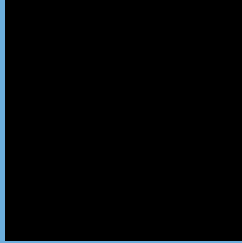
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BAEDC Background



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

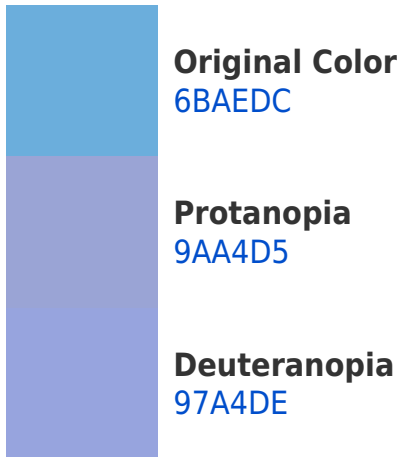


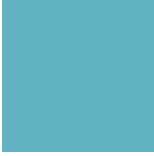
This preview shows how white text looks on a background with the Hex color 6BAEDC.

# 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](#).

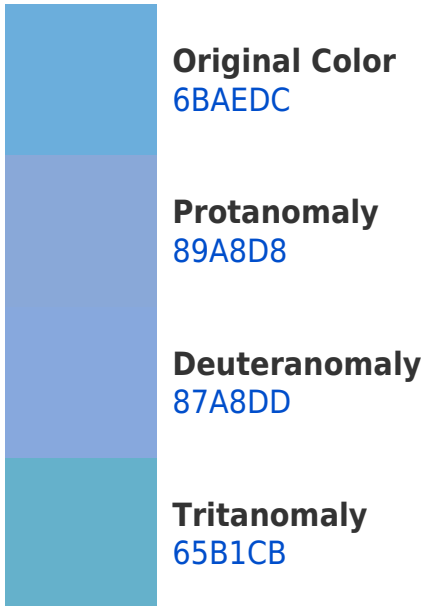
## Dichromacy



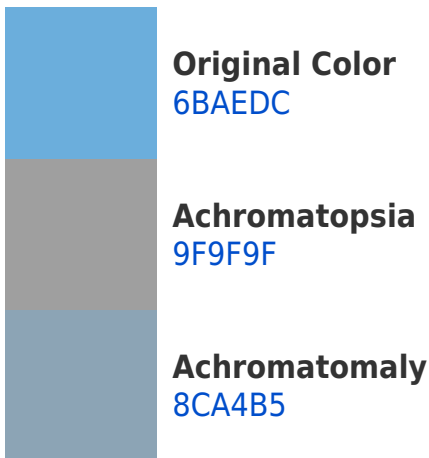


**Tritanopia**  
62B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6BAEDC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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