

# Converting Colors

Hex(6DABC5)

Have a look what the booklet for  
Hex(6DABC5) contains.

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# **Color**

**Hex(6DABC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DABC5
RGB	109, 171, 197
RGB Percent	43%, 67%, 77%
CMY	0.5725, 0.3294, 0.2275
CMYK	0.45, 0.13, 0.00, 0.23
HSL	198°, 43%, 60%
HSV	198°, 45%, 77%
XYZ	30.9476, 36.4082, 58.2197
YIQ	155.4260, -45.2980, -5.0580

# Conversions

## Conversions Part 2

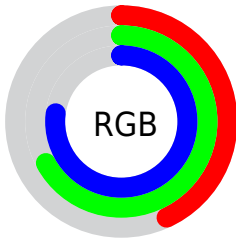
Format	Color
R <sub>YB</sub>	109, 145, 197
Decimal	7187397
CIE <sub>Lab</sub>	66.83, -13.05, -19.52
CIE <sub>LCh</sub>	67, 23.479, 236.236
Yxy	36.4082, 0.2464, 0.2899
Android (android.graphics.Color)	4285377477 (0xFF6DABC5)
YUV	155.4260, 20.4960, -40.7156
Hunter-Lab	60.3392, -14.0421, -14.9698

# Details

The Hex color **6DABC5** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C5876D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A4E2FE**, and **35778F** is the 20% darker color. If you saturate the color by 10%, you get **59A5C5**, and if you desaturate by 10%, it is **81B1C5**.

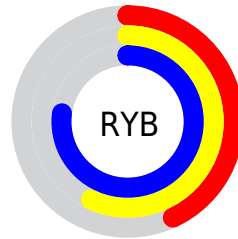
# Distribution



Red (43%)

Green (67%)

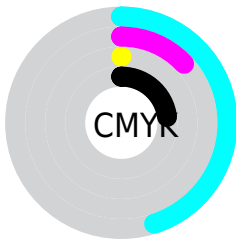
Blue (77%)



Red (43%)

Yellow (57%)

Blue (77%)

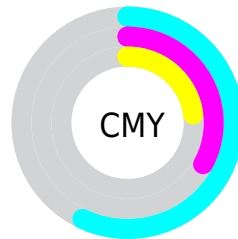


Cyan (45%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (57%)

Magenta (33%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DABC5 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 6DABC5 by changing the saturation by 10% instead.



 6DABC5

 6DABC5

FFFFFF

 5290AA

 A4E2FE

 35778F

 C1FFFF

 135E76

 DEFFFF

 00465D

 FBFFFF

 003045

 001C2F

 00011A

 000000

 6DABC5

 6DABC5

■ 59A5C5

■ 81B1C5

■ 469FC5

■ 94B7C5

■ 329AC5

■ A8BCC5

■ 1E94C5

■ BCC2C5

■ 0B8EC5

■ D0C8C5

■ 008BC5

■ E3CEC5

■ F7D4C5

■ FFDAC5

■ FFDFC5

# Harmonies

## Analogous

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



65AEB4



6DABC5



85A5CC

# Triad

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



6DABC5



CA94A6



9EA77C

# Complementary

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



6DABC5



C5876D

# 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.



B5A079



6DABC5



CE9491

# Square

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



6DABC5



BB97BA



C69980



86AC8B

# Rectangle

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



6DABC5



99A1CB



C69980



A6A57A

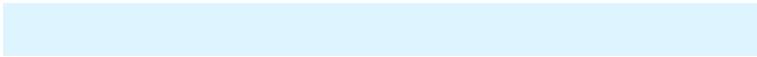


# Sweetspot

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



6DABC5



DEF5FF



6DC586



6B7980



000000



808080

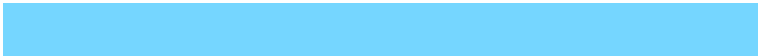


# Same Dimension

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



6DABC5



75D6FF



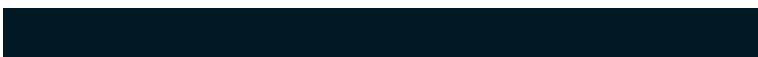
6D80C5



5A6163



0073A3



001924



# Inverse Universe

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



C56DAB



FF75D6



C5B26D



635A61



A30073



240019



# Previews

## White Background



This preview shows how the Hex color 6DABC5 looks on a white background.

## Color Contrast Check

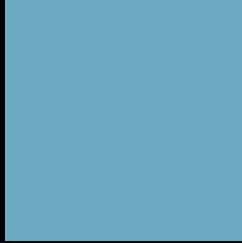
Large Text (above 18pt) WCAG AA × Fail

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 6DABC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

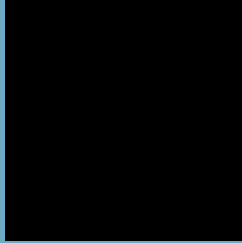
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DABC5 Background



This preview shows how black text looks on a background with the Hex color 6DABC5.

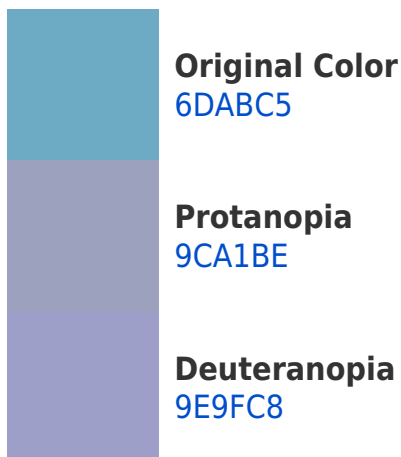


This preview shows how white text looks on a background with the Hex color 6DABC5.

# 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](#).

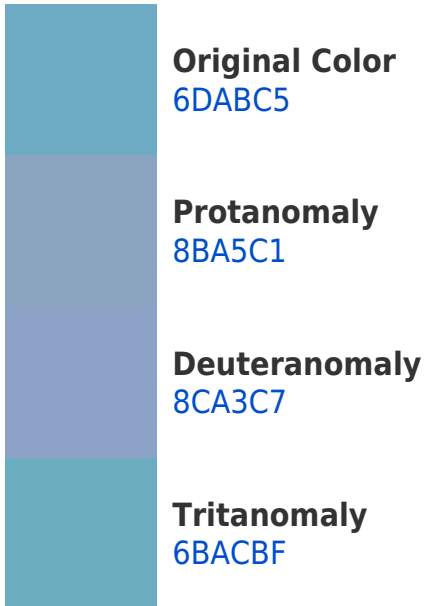
## Dichromacy



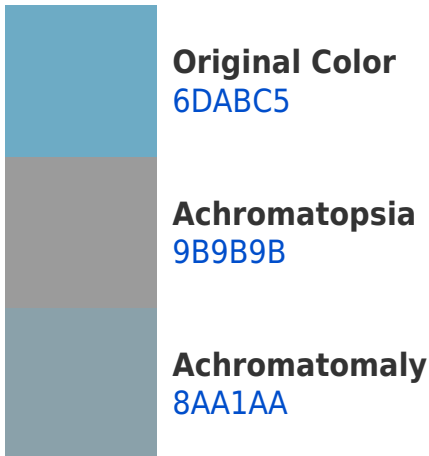


**Tritanopia**  
6AADB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DABC5 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 #6DABC5 looks like.

```
.text, #text, p{  
    color:#6DABC5  
}
```

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 #6DABC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DABC5  
}
```

## Border

The CSS property to change the border of an element to Hex 6DABC5 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  
#6DABC5 }
```

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

```
.border{ border-color:#6DABC5 }
```

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

Here you see how a box with a 4 pixel #6DABC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DABC5; -webkit-box-shadow:4px 4px  
4px 4px #6DABC5; box-shadow:4px 4px 4px  
4px #6DABC5 }
```

# Background

The CSS property to change the background color of an element to Hex 6DABC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DABC5 }
```

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

```
.background{ background-color:#6DABC5 }
```

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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