

Converting Colors

Hex(65A5BF)

Have a look what the booklet for
Hex(65A5BF) contains.

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Color

Hex(65A5BF)

Conversions

Conversions Part 1

Format	Color
Hex	65A5BF
RGB	101, 165, 191
RGB Percent	40%, 65%, 75%
CMY	0.6039, 0.3529, 0.2510
CMYK	0.47, 0.14, 0.00, 0.25
HSL	197°, 41%, 57%
HSV	197°, 47%, 75%
XYZ	28.2259, 33.4386, 54.2568
YIQ	148.8280, -46.4900, -5.4820

Conversions

Conversions Part 2

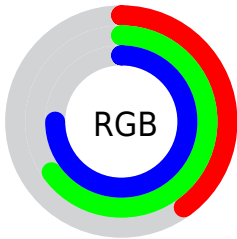
Format	Color
RYB	101, 138, 191
Decimal	6661567
CIELab	64.51, -13.46, -19.74
CIELCh	65, 23.894, 235.715
Yxy	33.4386, 0.2435, 0.2885
Android (android.graphics.Color)	4284851647 (0xFF65A5BF)
YUV	148.8280, 20.7908, -41.9452
Hunter-Lab	57.8261, -14.0666, -15.1521

Details

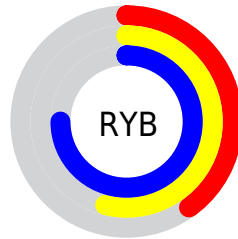
The Hex color **65A5BF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BF7F65**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9CDCF7**, and **2C718A** is the 20% darker color. If you saturate the color by 10%, you get **529FBF**, and if you desaturate by 10%, it is **78ABBF**.

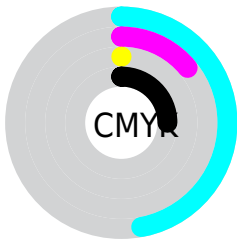
Distribution



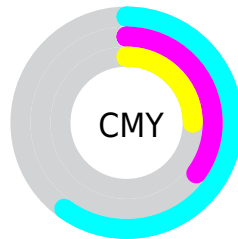
- Red (40%)
- Green (65%)
- Blue (75%)



- Red (40%)
- Yellow (54%)
- Blue (75%)



- Cyan (47%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65A5BF 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 65A5BF by changing the saturation by 10% instead.

■ 65A5BF

■ 65A5BF

FFFFFF

■ 498BA4

■ 9CDCF7

■ 2C718A

■ B9F9FF

■ 015970

■ D6FFFF

■ 004158

■ F3FFFF

■ 002B40

■ 00182A

■ 000115

■ 000000

■ 65A5BF

■ 65A5BF

529FBF

78ABBF

3F9ABF

8BB0BF

2C94BF

9EB6BF

198FBF

B1BBBF

0589BF

C4C1BF

0088BF

D8C6BF

EBCCBF

FED1BF

FFD7BF

Harmonies

Analogous

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



5DA8AE



65A5BF



7E9FC7

Triad

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



65A5BF



C48DA0



99A176

Complementary

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



65A5BF



BF7F65

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.



AF9A72



65A5BF



C88E8B

Square

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



65A5BF



B591B5



C0937A



80A684

Rectangle

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



65A5BF



929BC5



C0937A



A09F73

Sweetspot

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



65A5BF



D5EDF7



65BF7E



68777D



FCFCFC



7D7D7D

Same Dimension

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



65A5BF



6ACFF7



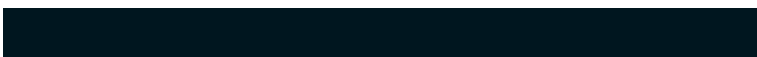
6579BF



555C5E



00709E



00161F

Inverse Universe

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



BF65A5



F76ACF



BFAB65



5E555C



9E0070



1F0016

Previews

White Background



This preview shows how the Hex color 65A5BF looks on a white background.

Color Contrast Check

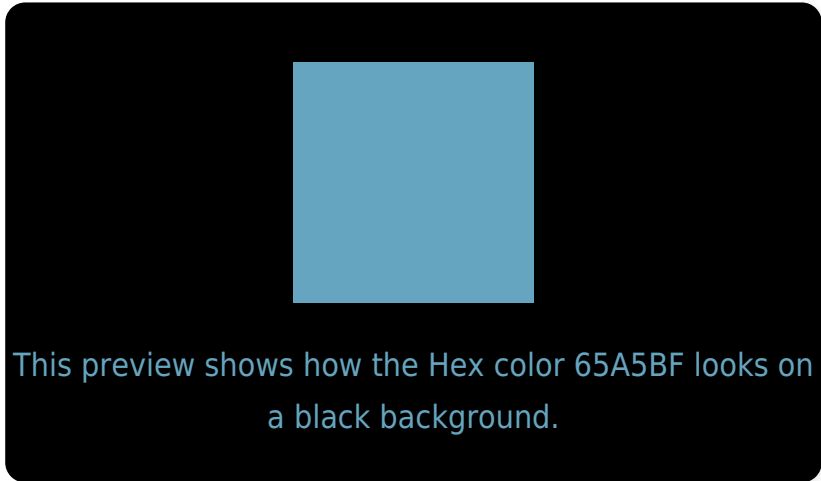
Large Text (above 18pt) WCAG AA × Fail

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

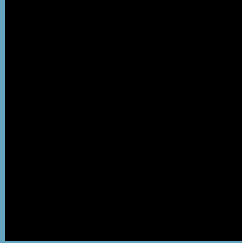
Any Text WCAG AA ✓ Pass

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 65A5BF Background



This preview shows how black text looks on a background with the Hex color 65A5BF.

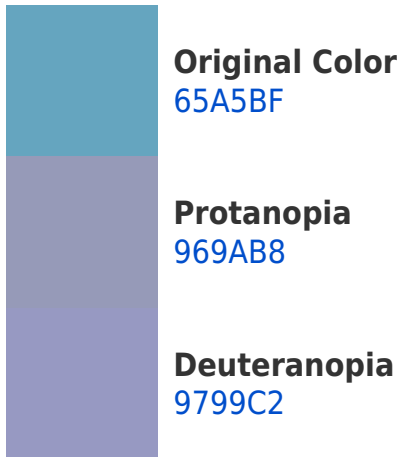


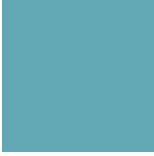
This preview shows how white text looks on a background with the Hex color 65A5BF.

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](#).

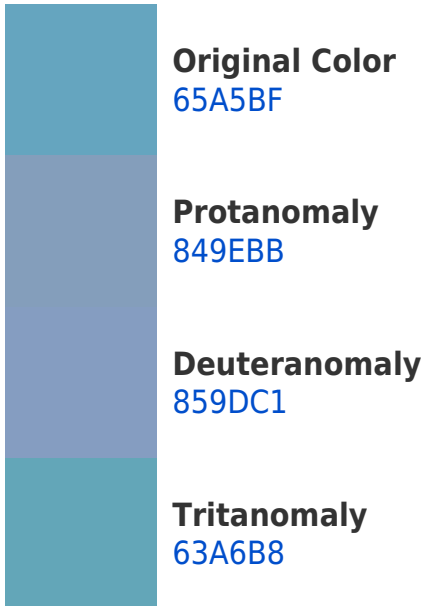
Dichromacy



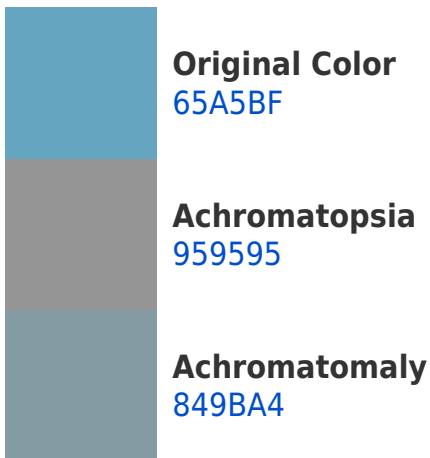


Tritanopia
62A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65A5BF 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 #65A5BF looks like.

```
.text, #text, p{  
    color:#65A5BF  
}
```

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 #65A5BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A5BF
}
```

Border

The CSS property to change the border of an element to Hex 65A5BF 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
#65A5BF }
```

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

```
.border{ border-color:#65A5BF }
```

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

Here you see how a box with a 4 pixel #65A5BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A5BF; -webkit-box-shadow:4px 4px  
4px 4px #65A5BF; box-shadow:4px 4px 4px  
4px #65A5BF }
```

Background

The CSS property to change the background color of an element to Hex 65A5BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A5BF }
```

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

```
.background{ background-color:#65A5BF }
```

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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