

Converting Colors

Hex(66A5B2)

Have a look what the booklet for
Hex(66A5B2) contains.

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Color

Hex(66A5B2)

Conversions

Conversions Part 1

Format	Color
Hex	66A5B2
RGB	102, 165, 178
RGB Percent	40%, 65%, 70%
CMY	0.6000, 0.3529, 0.3020
CMYK	0.43, 0.07, 0.00, 0.30
HSL	190°, 33%, 55%
HSV	190°, 43%, 70%
XYZ	26.9705, 32.9494, 47.0579
YIQ	147.6450, -41.7210, -9.3130

Conversions

Conversions Part 2

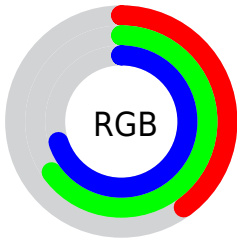
Format	Color
RYB	102, 136, 178
Decimal	6727090
CIELab	64.12, -16.78, -13.07
CIElCh	64, 21.273, 217.924
Yxy	32.9494, 0.2521, 0.3080
Android (android.graphics.Color)	4284917170 (0xFF66A5B2)
YUV	147.6450, 14.9650, -40.0307
Hunter-Lab	57.4016, -16.5833, -8.4249

Details

The Hex color **66A5B2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B27366**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9DDCEA**, and **2F717D** is the 20% darker color. If you saturate the color by 10%, you get **54A2B2**, and if you desaturate by 10%, it is **78A8B2**.

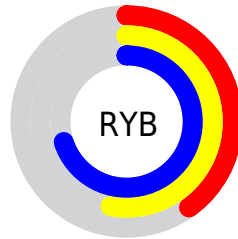
Distribution



Red (40%)

Green (65%)

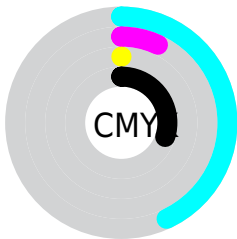
Blue (70%)



Red (40%)

Yellow (53%)

Blue (70%)

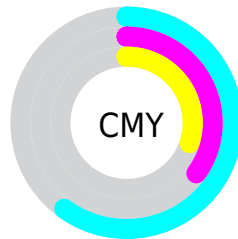


Cyan (43%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (60%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A5B2 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 66A5B2 by changing the saturation by 10% instead.



66A5B2



66A5B2

FFFFFF



4B8B97



9DDCEA



2F717D



B9F9FF



0D5864



D5FFFF



00414C



F2FFFF



002B36



001820



000007



000000



66A5B2



66A5B2

■ 54A2B2

■ 78A8B2

■ 429FB2

■ 8AABB2

■ 319CB2

■ 9BAEB2

■ 1F99B2

■ ADB1B2

■ 0D96B2

■ BFB4B2

■ 0094B2

■ D1B7B2

■ E3BAB2

■ F4BDB2

■ FFC0B2

Harmonies

Analogous

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



6AA6A0



66A5B2



73A1BE

Triad

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



66A5B2



B890AA



A59C76

Complementary

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



66A5B2



B27366

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.



B69579



66A5B2



C28E97

Square

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



66A5B2



A595B9



C19085



8FA17D

Rectangle

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



66A5B2



839DC1



C19085



AB9A76

Sweetspot

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



66A5B2



CAE3E8



66B273



637275



F5F5F5



757575

Same Dimension

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



66A5B2



72D4E8



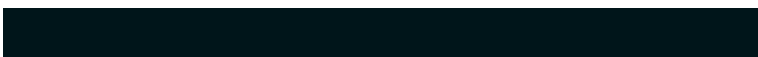
667FB2



505859



007F99



00151A

Inverse Universe

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



B266A5



E872D4



B29966



595058



99007F



1A0015

Previews

White Background



This preview shows how the Hex color 66A5B2 looks on a white background.

Color Contrast Check

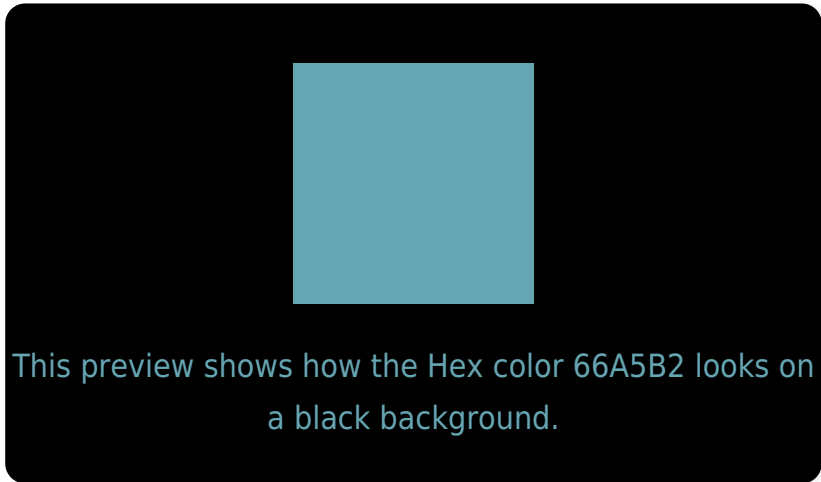
Large Text (above 18pt) WCAG AA × Fail

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

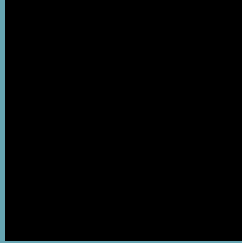
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

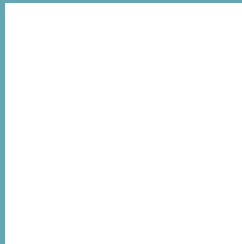
Any Text WCAG AAA ✓ Pass

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

Hex 66A5B2 Background



This preview shows how black text looks on a background with the Hex color 66A5B2.

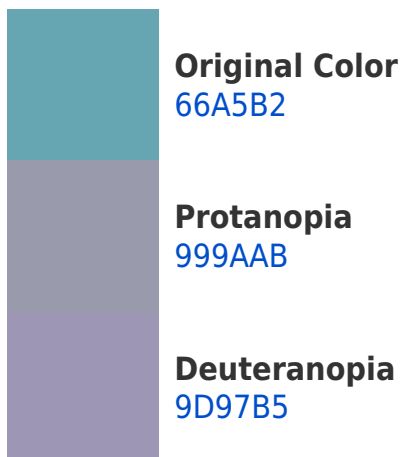


This preview shows how white text looks on a background with the Hex color 66A5B2.

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](#).

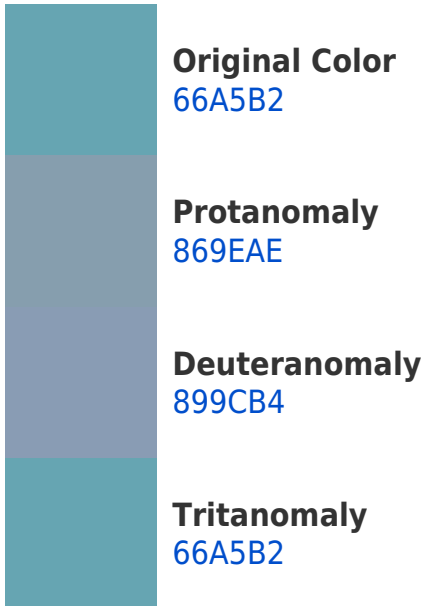
Dichromacy



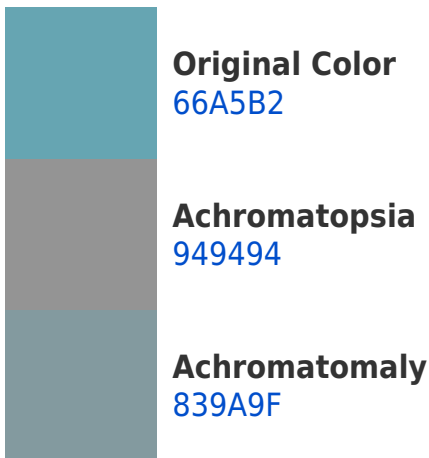


Tritanopia
66A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66A5B2 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 #66A5B2 looks like.

```
.text, #text, p{  
    color:#66A5B2  
}
```

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 #66A5B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A5B2
}
```

Border

The CSS property to change the border of an element to Hex 66A5B2 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
#66A5B2 }
```

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

```
.border{ border-color:#66A5B2 }
```

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

Here you see how a box with a 4 pixel #66A5B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A5B2; -webkit-box-shadow:4px 4px  
4px 4px #66A5B2; box-shadow:4px 4px 4px  
4px #66A5B2 }
```

Background

The CSS property to change the background color of an element to Hex 66A5B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A5B2 }
```

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

```
.background{ background-color:#66A5B2 }
```

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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