

Converting Colors

Hex(66B2C8)

Have a look what the booklet for
Hex(66B2C8) contains.

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Color

Hex(66B2C8)

Conversions

Conversions Part 1

Format	Color
Hex	66B2C8
RGB	102, 178, 200
RGB Percent	40%, 70%, 78%
CMY	0.6000, 0.3020, 0.2157
CMYK	0.49, 0.11, 0.00, 0.22
HSL	193°, 47%, 59%
HSV	193°, 49%, 78%
XYZ	31.8252, 38.8357, 60.4623
YIQ	157.7840, -52.3580, -9.2700

Conversions

Conversions Part 2

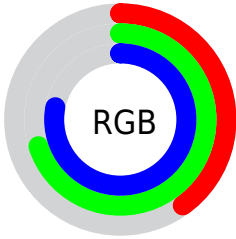
Format	Color
RYB	102, 145, 200
Decimal	6730440
CIELab	68.63, -17.59, -18.47
CIELCh	69, 25.508, 226.396
Yxy	38.8357, 0.2427, 0.2962
Android (android.graphics.Color)	4284920520 (0xFF66B2C8)
YUV	157.7840, 20.8125, -48.9226
Hunter-Lab	62.3183, -17.8992, -13.9013

Details

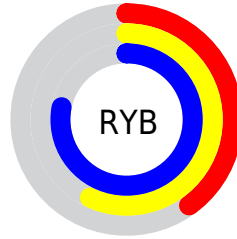
The Hex color **66B2C8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C87C66**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9EEAFF**, and **2A7D92** is the 20% darker color. If you saturate the color by 10%, you get **52AEC8**, and if you desaturate by 10%, it is **7AB6C8**.

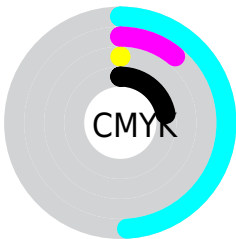
Distribution



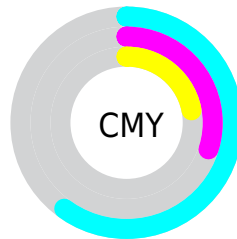
- Red (40%)
- Green (70%)
- Blue (78%)



- Red (40%)
- Yellow (57%)
- Blue (78%)



- Cyan (49%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (60%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B2C8 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 66B2C8 by changing the saturation by 10% instead.

 66B2C8

 66B2C8

FFFFFF

 4997AD

 9EEAFF

 2A7D92

 BBFFFF

 006478

 D8FFFF

 004C5F

 F6FFFF

 003548

 002031

 00021D

 000000

 66B2C8

 66B2C8

52AEC8

7AB6C8

3EA9C8

8EBBC8

2AA5C8

A2BFC8

16A0C8

B6C4C8

029CC8

CAC8C8

009BC8

DECDC8

F2D1C8

FFD6C8

FFDAC8

Harmonies

Analogous

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



65B4B4



66B2C8



7DADD4

Triad

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



66B2C8



CF98B3



ABAA7B

Complementary

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



66B2C8



C87C66

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.



C2A27B



66B2C8



D6979B

Square

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



66B2C8



BA9DC7



D19B87



91B087

Rectangle

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



66B2C8



92A8D5



D19B87



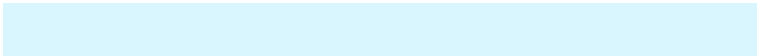
B3A87A

Sweetspot

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



66B2C8



D9F6FF



66C87B



697A80



000000



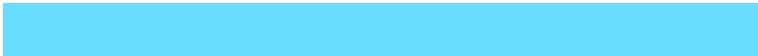
808080

Same Dimension

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



66B2C8



69DDFF



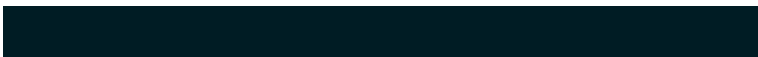
6682C8



5A6163



007FA3



001C24

Inverse Universe

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



C866B2



FF69DD



C8AC66



635A61



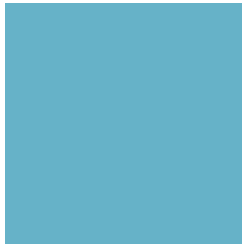
A3007F



24001C

Previews

White Background



This preview shows how the Hex color 66B2C8 looks on a white background.

Color Contrast Check

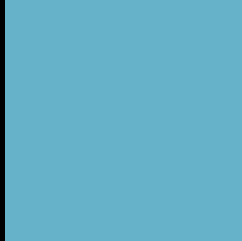
Large Text (above 18pt) WCAG AA × Fail

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 66B2C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

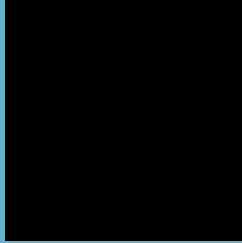
Any Text WCAG AA ✓ Pass

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 66B2C8 Background



This preview shows how black text looks on a background with the Hex color 66B2C8.

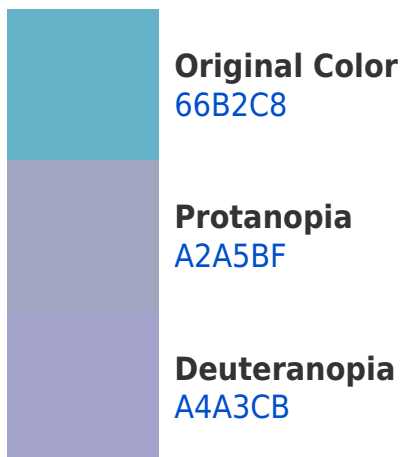


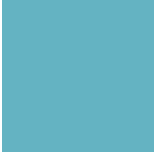
This preview shows how white text looks on a background with the Hex color 66B2C8.

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](#).

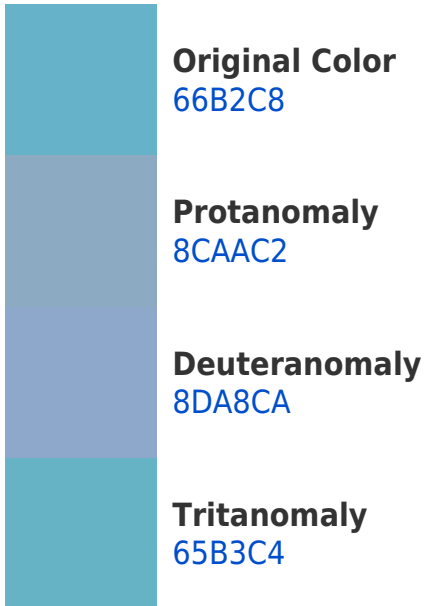
Dichromacy



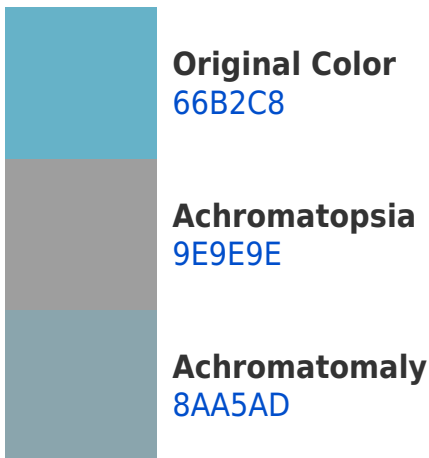


Tritanopia
64B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B2C8 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 #66B2C8 looks like.

```
.text, #text, p{  
    color:#66B2C8  
}
```

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 #66B2C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B2C8
}
```

Border

The CSS property to change the border of an element to Hex 66B2C8 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
#66B2C8 }
```

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

```
.border{ border-color:#66B2C8 }
```

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

Here you see how a box with a 4 pixel #66B2C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B2C8; -webkit-box-shadow:4px 4px  
4px 4px #66B2C8; box-shadow:4px 4px 4px  
4px #66B2C8 }
```

Background

The CSS property to change the background color of an element to Hex 66B2C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B2C8 }
```

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

```
.background{ background-color:#66B2C8 }
```

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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