

Converting Colors

Hex(66BAC9)

Have a look what the booklet for
Hex(66BAC9) contains.

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Color

Hex(66BAC9)

Conversions

Conversions Part 1

Format	Color
Hex	66BAC9
RGB	102, 186, 201
RGB Percent	40%, 73%, 79%
CMY	0.6000, 0.2706, 0.2118
CMYK	0.49, 0.07, 0.00, 0.21
HSL	189°, 48%, 59%
HSV	189°, 49%, 79%
XYZ	33.5810, 42.1596, 61.6261
YIQ	162.5940, -54.8790, -13.1430

Conversions

Conversions Part 2

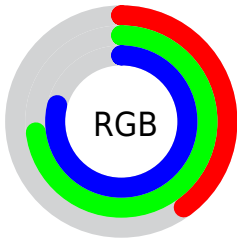
Format	Color
RYB	102, 147, 201
Decimal	6732489
CIELab	70.98, -21.45, -15.47
CIElCh	71, 26.443, 215.805
Yxy	42.1596, 0.2445, 0.3069
Android (android.graphics.Color)	4284922569 (0xFF66BAC9)
YUV	162.5940, 18.9342, -53.1409
Hunter-Lab	64.9305, -21.3109, -10.8213

Details

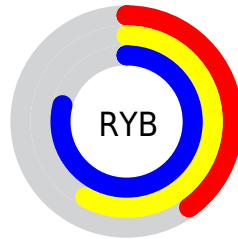
The Hex color **66BAC9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C97566**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9FF2FF**, and **298593** is the 20% darker color. If you saturate the color by 10%, you get **52B7C9**, and if you desaturate by 10%, it is **7ABDC9**.

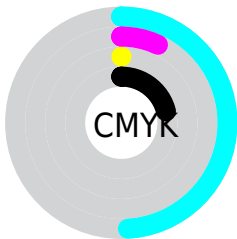
Distribution



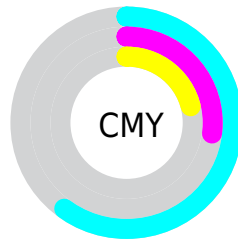
- Red (40%)
- Green (73%)
- Blue (79%)



- Red (40%)
- Yellow (58%)
- Blue (79%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (60%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66BAC9 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 66BAC9 by changing the saturation by 10% instead.

■ 66BAC9

■ 66BAC9

FFFFFF

■ 499FAE

■ 9FF2FF

■ 298593

■ BCFFFF

■ 006B79

■ D9FFFF

■ 005360

■ F7FFFF

■ 003B49

■ 002532

■ 00081E

■ 000000

■ 66BAC9

■ 66BAC9

■ 52B7C9

■ 7ABDC9

■ 3EB4C9

■ 8EC0C9

■ 2AB1C9

■ A2C3C9

■ 16AEC9

■ B6C6C9

■ 01ABC9

■ CBC9C9

■ 00ABC9

■ DFCCC9

■ F3CFC9

■ FFD2C9

■ FFD5C9

Harmonies

Analogous

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



6EBBB2



66BAC9



77B6D9

Triad

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



66BAC9



D19FC2



BBAE7E

Complementary

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



66BAC9



C97566

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.



D0A682



66BAC9



DD9CAA

Square

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



66BAC9



B7A6D5



DD9F93



A0B586

Rectangle

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



66BAC9



8BB1DD



DD9F93



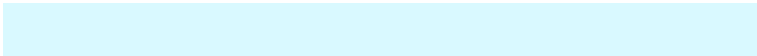
C2AB7E

Sweetspot

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



66BAC9



D9F9FF



66C975



697C80



000000



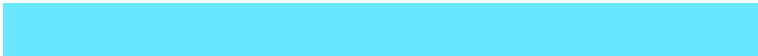
808080

Same Dimension

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



66BAC9



69E8FF



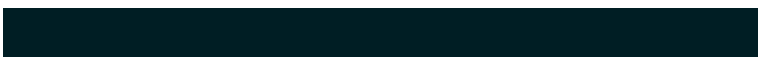
6689C9



5A6263



008AA3



001E24

Inverse Universe

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



C966BA



FF69E8



C9A666



635A62



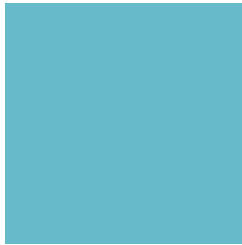
A3008A



24001E

Previews

White Background



This preview shows how the Hex color 66BAC9 looks on a white background.

Color Contrast Check

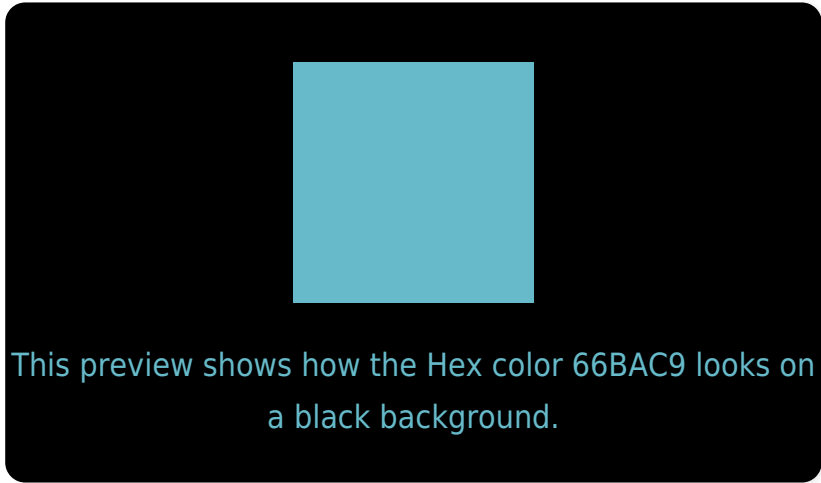
Large Text (above 18pt) WCAG AA × Fail

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

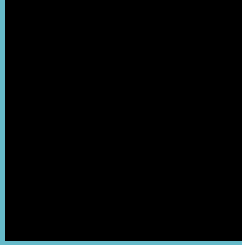
Any Text WCAG AA ✓ Pass

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 66BAC9 Background



This preview shows how black text looks on a background with the Hex color 66BAC9.

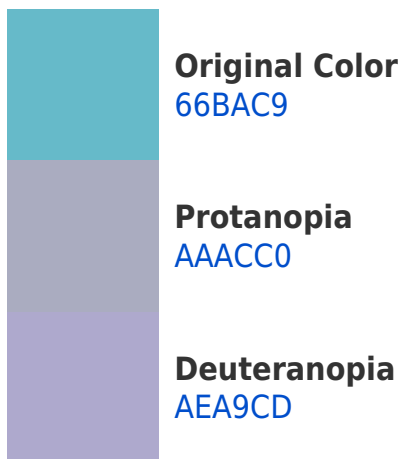


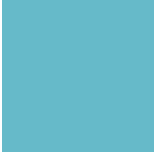
This preview shows how white text looks on a background with the Hex color 66BAC9.

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](#).

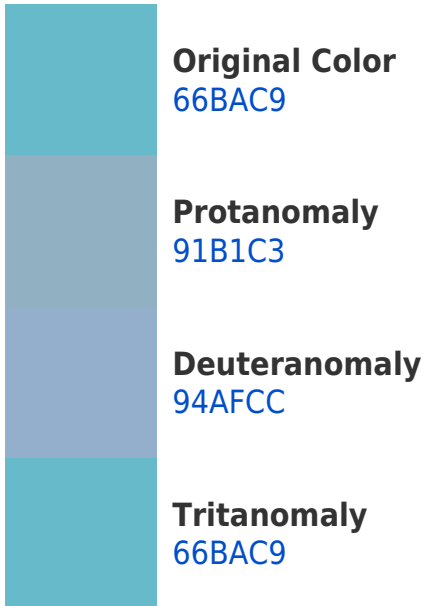
Dichromacy



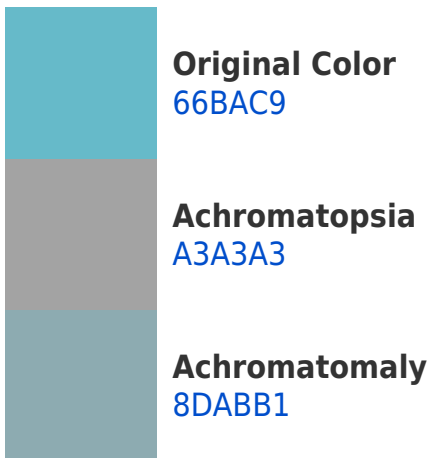


Tritanopia
66BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66BAC9 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 #66BAC9 looks like.

```
.text, #text, p{  
    color:#66BAC9  
}
```

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 #66BAC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BAC9
}
```

Border

The CSS property to change the border of an element to Hex 66BAC9 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
#66BAC9 }
```

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

```
.border{ border-color:#66BAC9 }
```

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

Here you see how a box with a 4 pixel #66BAC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BAC9; -webkit-box-shadow:4px 4px  
4px 4px #66BAC9; box-shadow:4px 4px 4px  
4px #66BAC9 }
```

Background

The CSS property to change the background color of an element to Hex 66BAC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BAC9 }
```

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

```
.background{ background-color:#66BAC9 }
```

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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