

Converting Colors

Hex(62BACF)

Have a look what the booklet for
Hex(62BACF) contains.

Hex(62BACF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62BACF)

Conversions

Conversions Part 1

Format	Color
Hex	62BACF
RGB	98, 186, 207
RGB Percent	38%, 73%, 81%
CMY	0.6157, 0.2706, 0.1882
CMYK	0.53, 0.10, 0.00, 0.19
HSL	192°, 53%, 60%
HSV	192°, 53%, 81%
XYZ	33.8584, 42.2195, 65.3961
YIQ	162.0820, -59.1890, -12.1250

Conversions

Conversions Part 2

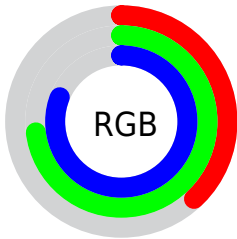
Format	Color
RYB	98, 147, 207
Decimal	6470351
CIELab	71.02, -20.65, -18.71
CIELCh	71, 27.864, 222.169
Yxy	42.2195, 0.2393, 0.2984
Android (android.graphics.Color)	4284660431 (0xFF62BACF)
YUV	162.0820, 22.1446, -56.1999
Hunter-Lab	64.9765, -20.6949, -14.1893

Details

The Hex color **62BACF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF7762**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9CF2FF**, and **218599** is the 20% darker color. If you saturate the color by 10%, you get **4DB6CF**, and if you desaturate by 10%, it is **77BECF**.

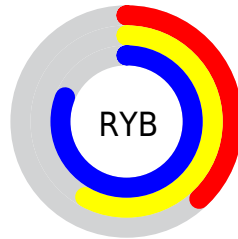
Distribution



Red (38%)

Green (73%)

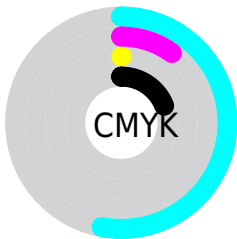
Blue (81%)



Red (38%)

Yellow (58%)

Blue (81%)

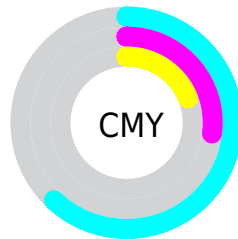


Cyan (53%)

Magenta (10%)

Yellow (0%)

Black (19%)



Cyan (62%)

Magenta (27%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62BACF 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 62BACF by changing the saturation by 10% instead.

62BACF

62BACF

FFFFFF

449FB3

9CF2FF

218599

B9FFFF

006B7F

D6FFFF

005366

F4FFFF

003B4E

002537

000922

000008

000000

 62BACF

 62BACF

 4DB6CF

 77BECF

 39B2CF

 8BC2CF

 24AECF

 A0C6CF

 0FAACF

 B5CACF

 00A7CF

 CACECF

 DED2CF

 F3D6CF

 FFDACF

 FFDECF

Harmonies

Analogous

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



65BCB8



62BACF



79B5DD

Triad

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



62BACF



D79DBE



B6B07C

Complementary

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



62BACF



CF7762

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.



CEA77E



62BACF



E19BA4

Square

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



62BACF



BFA4D4



DD9F8D



99B788

Rectangle

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



62BACF



90B0E0



DD9F8D



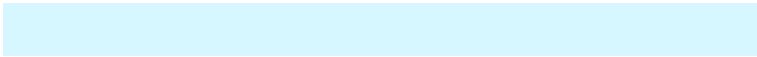
BEAD7B

Sweetspot

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



62BACF



D6F7FF



62CF76



677B80



000000



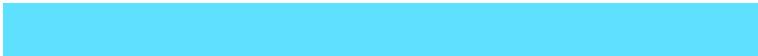
808080

Same Dimension

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



62BACF



5EE0FF



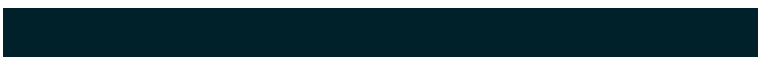
6285CF



5E6769



0088A8



002129

Inverse Universe

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



CF62BA



FF5EE0



CFAC62



695E67



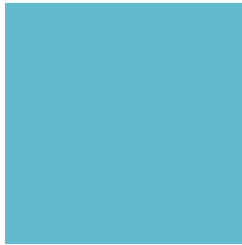
A80088



290021

Previews

White Background



This preview shows how the Hex color 62BACF looks on a white background.

Color Contrast Check

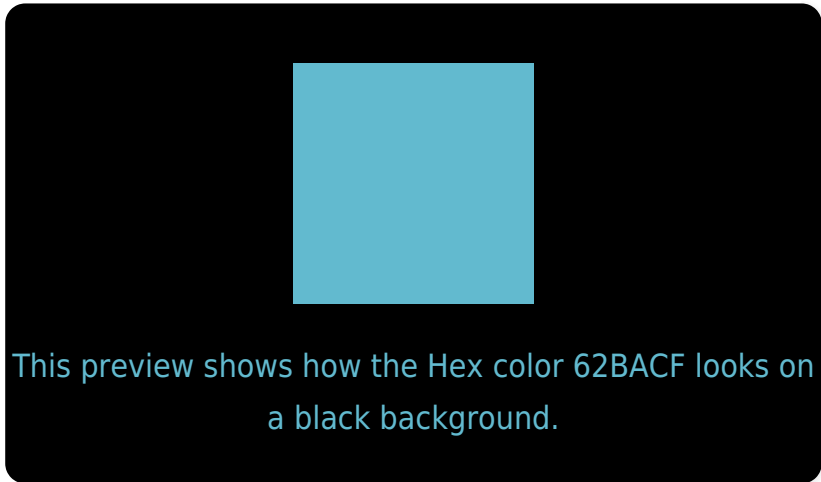
Large Text (above 18pt) WCAG AA × Fail

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 62BACF Background



This preview shows how black text looks on a background with the Hex color 62BACF.

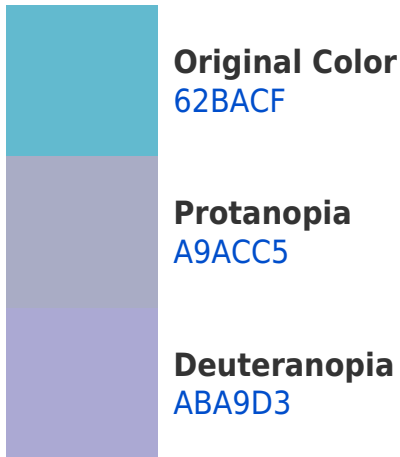


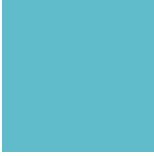
This preview shows how white text looks on a background with the Hex color 62BACF.

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](#).

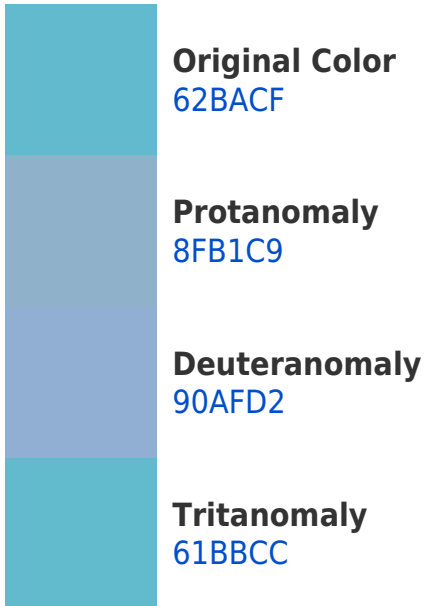
Dichromacy



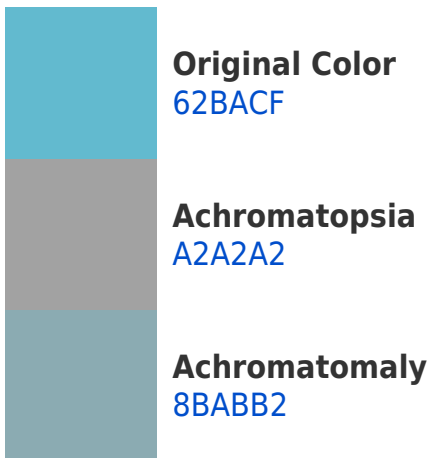


Tritanopia
60BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62BACF 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 #62BACF looks like.

```
.text, #text, p{  
    color:#62BACF  
}
```

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 #62BACF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62BACF
}
```

Border

The CSS property to change the border of an element to Hex 62BACF 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
#62BACF }
```

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

```
.border{ border-color:#62BACF }
```

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

Here you see how a box with a 4 pixel #62BACF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62BACF; -webkit-box-shadow:4px 4px  
4px 4px #62BACF; box-shadow:4px 4px 4px  
4px #62BACF }
```

Background

The CSS property to change the background color of an element to Hex 62BACF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62BACF }
```

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

```
.background{ background-color:#62BACF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor