

# Converting Colors

Hex(62FBB4)

Have a look what the booklet for  
Hex(62FBB4) contains.

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# Color

**Hex(62FBB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62FBB4
RGB	98, 251, 180
RGB Percent	38%, 98%, 71%
CMY	0.6157, 0.0157, 0.2941
CMYK	0.61, 0.00, 0.28, 0.02
HSL	152°, 95%, 68%
HSV	152°, 61%, 98%
XYZ	47.7724, 74.8863, 55.1167
YIQ	197.1590, -68.3970, -54.5170

# Conversions

## Conversions Part 2

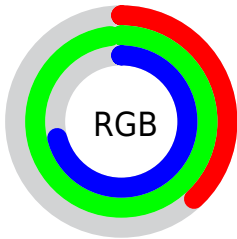
Format	Color
<b>RYB</b>	98, 198, 251
Decimal	6486964
CIELab	89.34, -56.51, 22.23
CIELCh	89, 60.723, 158.529
Yxy	74.8863, 0.2687, 0.4212
Android (android.graphics.Color)	4284677044 (0xFF62FBB4)
YUV	197.1590, -8.4594, -86.9624
Hunter-Lab	86.5369, -52.8992, 22.8131

# Details

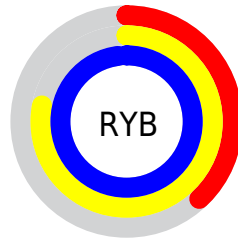
The Hex color **62FBB4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FB62A9**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **A1FFEC**, and **00C17F** is the 20% darker color. If you saturate the color by 10%, you get **49FBA8**, and if you desaturate by 10%, it is **7BFBC0**.

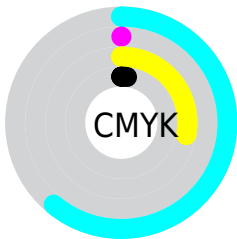
# Distribution



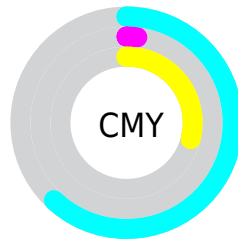
- Red (38%)
- Green (98%)
- Blue (71%)



- Red (38%)
- Yellow (78%)
- Blue (98%)



- Cyan (61%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)



- Cyan (62%)
- Magenta (2%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62FBB4 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 62FBB4 by changing the saturation by 10% instead.



 62FBB4

 62FBB4

FFFFFF

 3EDE99

 A1FFEC

 00C17F

 BFFFFFF

 00A566

 DEFFFF

 008A4D

FDFFFF

 007036

 005620

 003D09

 002600

 000000

 62FBB4

 62FBB4

 49FBA8

 7BFBC0

 30FB9D

 94FBCB

 17FB91

 ADFBD7

 00FB87

 C6FBE3

 E0FBEE

 F9FBFA

 FFFBFF

# Harmonies

## Analogous

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



B5F282



62FBB4



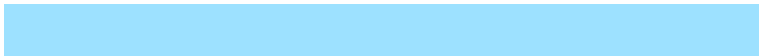
00FEF0

# Triad

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



62FBB4



9DE1FF



FFBA9B

# Complementary

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



62FBB4



FB62A9

# 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.



FFB0D2



62FBB4



FBCBFF

# Square

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



62FBB4



00F2FF



FFB7FF



FFCE74

# Rectangle

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



62FBB4



00DFFF



FFB7FF



FFB5AC

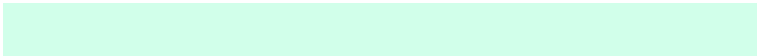


# Sweetspot

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



62FBB4



D1FFEA



A9FB62



638072



000000



808080



# Same Dimension

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



62FBB4



45FFA9



62F6FB



707D77



00BD65



003D21



# Inverse Universe

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



FB62A9



FF459B



FB6762



7D7076



BD0058

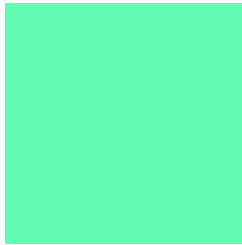


3D001C



# Previews

## White Background



This preview shows how the Hex color 62FBB4 looks on a white background.

## Color Contrast Check

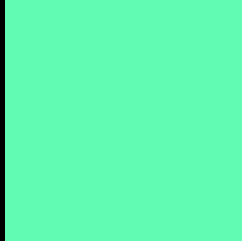
Large Text (above 18pt) WCAG AA × Fail

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 62FBB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

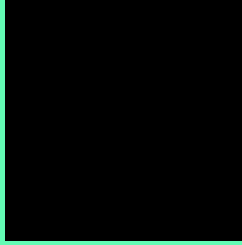
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62FBB4 Background



This preview shows how black text looks on a background with the Hex color 62FBB4.

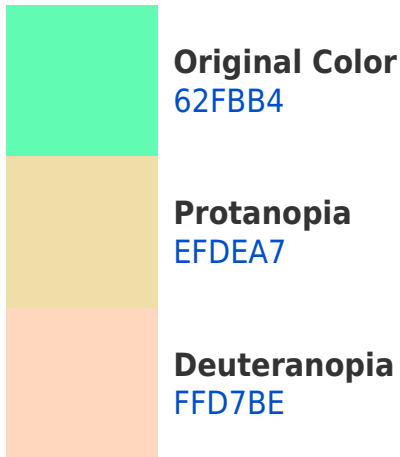


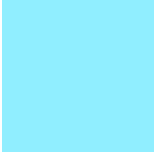
This preview shows how white text looks on a background with the Hex color 62FBB4.

# 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**  
90EEFF

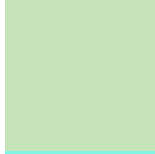
# Trichromacy



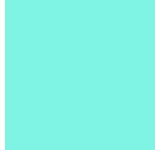
**Original Color**  
62FBB4



**Protanomaly**  
BCE9AC



**Deuteranomaly**  
C6E4BA

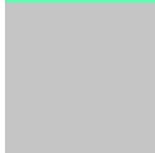


**Tritanomaly**  
7FF3E4

# Monochromacy



**Original Color**  
62FBB4



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A1D9BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62FBB4 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 #62FBB4 looks like.

```
.text, #text, p{  
    color:#62FBB4  
}
```

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 #62FBB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62FBB4
}
```

## Border

The CSS property to change the border of an element to Hex 62FBB4 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
#62FBB4 }
```

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

```
.border{ border-color:#62FBB4 }
```

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

Here you see how a box with a 4 pixel #62FBB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62FBB4; -webkit-box-shadow:4px 4px  
4px 4px #62FBB4; box-shadow:4px 4px 4px  
4px #62FBB4 }
```

# Background

The CSS property to change the background color of an element to Hex 62FBB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62FBB4 }
```

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

```
.background{ background-color:#62FBB4 }
```

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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