

Converting Colors

Hex(62FFB3)

Have a look what the booklet for
Hex(62FFB3) contains.

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Color

Hex(62FFB3)

Conversions

Conversions Part 1

Format	Color
Hex	62FFB3
RGB	98, 255, 179
RGB Percent	38%, 100%, 70%
CMY	0.6157, 0.0000, 0.2980
CMYK	0.62, 0.00, 0.30, 0.00
HSL	151°, 100%, 69%
HSV	151°, 62%, 100%
XYZ	48.9337, 77.3713, 55.0029
YIQ	199.3930, -69.1760, -56.9200

Conversions

Conversions Part 2

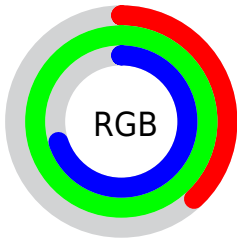
Format	Color
RYB	98, 202, 255
Decimal	6487987
CIELab	90.49, -58.28, 24.32
CIELCh	90, 63.153, 157.347
Yxy	77.3713, 0.2699, 0.4267
Android (android.graphics.Color)	4284678067 (0xFF62FFB3)
YUV	199.3930, -10.0537, -88.9217
Hunter-Lab	87.9610, -54.6302, 24.4980

Details

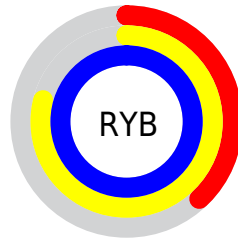
The Hex color **62FFB3** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF62AE**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A1FFEB**, and **00C57E** is the 20% darker color. If you saturate the color by 10%, you get **49FFA7**, and if you desaturate by 10%, it is **7BFFBF**.

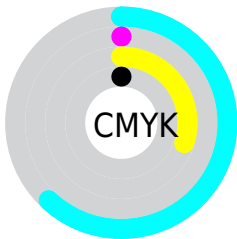
Distribution



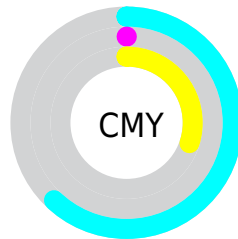
- Red (38%)
- Green (100%)
- Blue (70%)



- Red (38%)
- Yellow (79%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62FFB3 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 62FFB3 by changing the saturation by 10% instead.

 62FFB3

FFFFFF

 A1FFEB

 C0FFFF

 DFFFFFF

FEFFFF

 62FFB3

 3EE298

 00C57E

 00A965

 008E4C

 007335

 00591E

 004007

 002900

 000300

 62FFB3

 62FFB3

 49FFA7

 7BFFBF

 2FFF9A

 95FFCC

 16FF8E

 AFFFD8

 00FF84

 C8FFE4

 E2FFF1

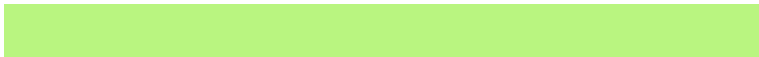
 FBFFFD

FFFFFF

Harmonies

Analogous

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



B9F580



62FFB3



00FF1

Triad

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



62FFB3



97E5FF



FFBB9D

Complementary

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



62FFB3



FF62AE

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.



FFB0D7



62FFB3



FCCEFF

Square

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



62FFB3



00F7FF



FFB9FF



FFD074

Rectangle

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



62FFB3



00FFFF



FFB9FF



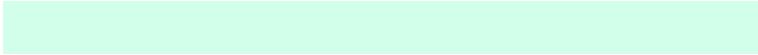
FFB6B0

Sweetspot

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



62FFB3



D1FFE9



B1FF62



638072



000000



808080

Same Dimension

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



62FFB3



42FFA4



62FFFF



738079



00BF63



004021

Inverse Universe

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



FF62AE



FF429E



FF6262



807379



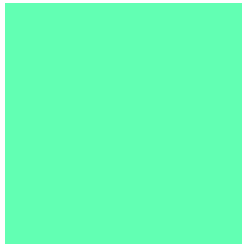
BF005D



40001F

Previews

White Background



This preview shows how the Hex color 62FFB3 looks on a white background.

Color Contrast Check

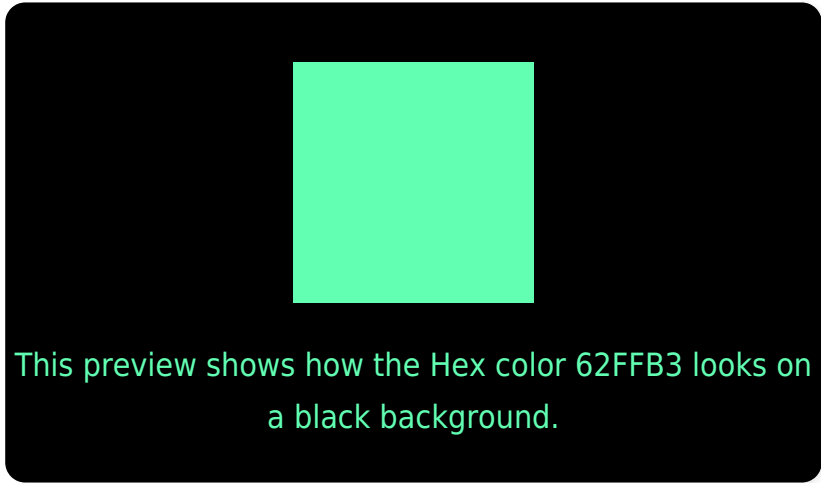
Large Text (above 18pt) WCAG AA × Fail

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

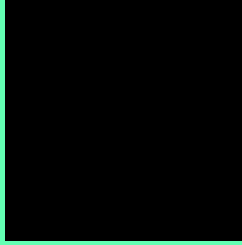
Any Text WCAG AA ✓ Pass

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 62FFB3 Background



This preview shows how black text looks on a background with the Hex color 62FFB3.

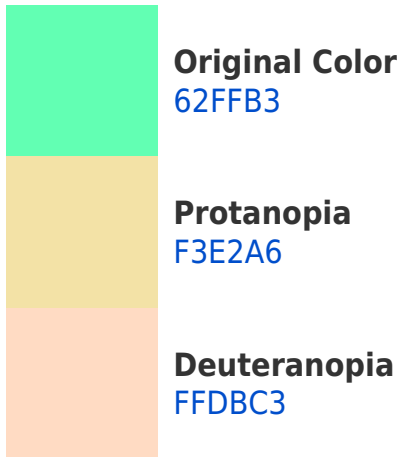


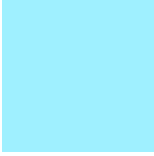
This preview shows how white text looks on a background with the Hex color 62FFB3.

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
9FF0FF

Trichromacy



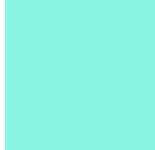
Original Color
62FFB3



Protanomaly
BEEDAB



Deuteranomaly
C6E8BD



Tritanomaly
89F5E3

Monochromacy



Original Color
62FFB3



Achromatopsia
C7C7C7



Achromatomaly
A2DBC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 62FFB3 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 #62FFB3 looks like.

```
.text, #text, p{  
    color:#62FFB3  
}
```

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 #62FFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62FFB3
}
```

Border

The CSS property to change the border of an element to Hex 62FFB3 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
#62FFB3 }
```

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

```
.border{ border-color:#62FFB3 }
```

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

Here you see how a box with a 4 pixel #62FFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62FFB3; -webkit-box-shadow:4px 4px  
4px 4px #62FFB3; box-shadow:4px 4px 4px  
4px #62FFB3 }
```

Background

The CSS property to change the background color of an element to Hex 62FFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62FFB3 }
```

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

```
.background{ background-color:#62FFB3 }
```

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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