

Converting Colors

Hex(62BFD8)

Have a look what the booklet for
Hex(62BFD8) contains.

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Color

Hex(62BFD8)

Conversions

Conversions Part 1

Format	Color
Hex	62BFD8
RGB	98, 191, 216
RGB Percent	38%, 75%, 85%
CMY	0.6157, 0.2510, 0.1529
CMYK	0.55, 0.12, 0.00, 0.15
HSL	193°, 60%, 62%
HSV	193°, 55%, 85%
XYZ	36.0625, 44.8161, 71.7154
YIQ	166.0430, -63.4530, -11.9410

Conversions

Conversions Part 2

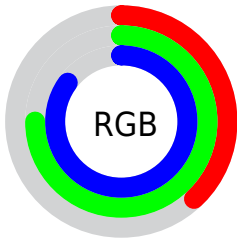
Format	Color
RYB	98, 150, 216
Decimal	6471640
CIELab	72.77, -20.66, -20.96
CIELCh	73, 29.430, 225.413
Yxy	44.8161, 0.2363, 0.2937
Android (android.graphics.Color)	4284661720 (0xFF62BFD8)
YUV	166.0430, 24.6288, -59.6737
Hunter-Lab	66.9449, -20.9975, -16.6537

Details

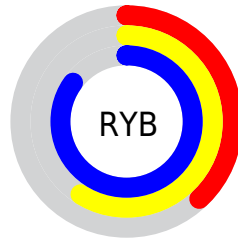
The Hex color **62BFD8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D87B62**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **9DF8FF**, and **1D89A1** is the 20% darker color. If you saturate the color by 10%, you get **4CBAD8**, and if you desaturate by 10%, it is **78C4D8**.

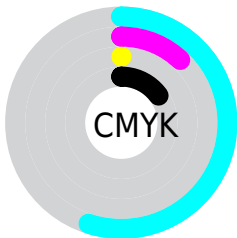
Distribution



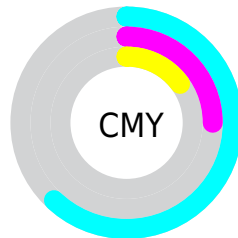
- Red (38%)
- Green (75%)
- Blue (85%)



- Red (38%)
- Yellow (59%)
- Blue (85%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (62%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62BFD8 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 62BFD8 by changing the saturation by 10% instead.

 62BFD8

 62BFD8

FFFFFF

 43A4BC


 9DF8FF

 1D89A1

 BAFFFF

 007087

 D8FFFF

 00576E

 F6FFFF

 004055

 00293E

 001328

 000113

 000000

 62BFD8

 62BFD8

 4CBAD8

 78C4D8

 37B6D8

 8DC8D8

 21B1D8

 A3CDD8

 0CADD8

 B8D1D8

 00AAD8

 CED6D8

 E4DAD8

 F9DFD8

 FFE4D8

 FFE8D8

Harmonies

Analogous

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



63C2C0



62BFD8



7DB9E6

Triad

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



62BFD8



E0A0C1



B8B57E

Complementary

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



62BFD8



D87B62

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.



D2AC7F



62BFD8



E99FA5

Square

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



62BFD8



C8A7D9



E3A48D



99BC8C

Rectangle

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



62BFD8



97B3E8



E3A48D



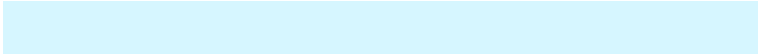
C1B27D

Sweetspot

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



62BFD8



D6F6FF



62D87A



677A80



000000



808080

Same Dimension

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



62BFD8



57DBFF



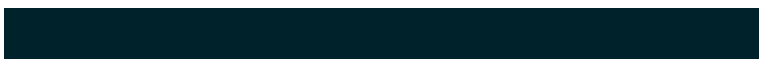
6285D8



60696B



0087AB



00222B

Inverse Universe

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



D862BF



FF57DB



D8B562



6B6069



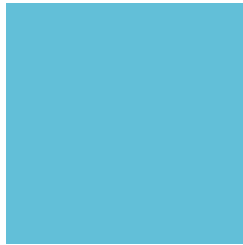
AB0087



2B0022

Previews

White Background



This preview shows how the Hex color 62BFD8 looks on a white background.

Color Contrast Check

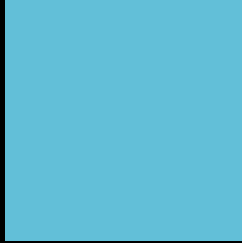
Large Text (above 18pt) WCAG AA × Fail

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 62BFD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

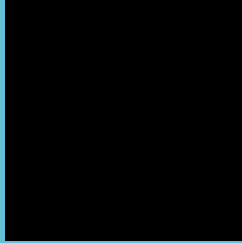
Any Text WCAG AA ✓ Pass

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 62BFD8 Background



This preview shows how black text looks on a background with the Hex color 62BFD8.

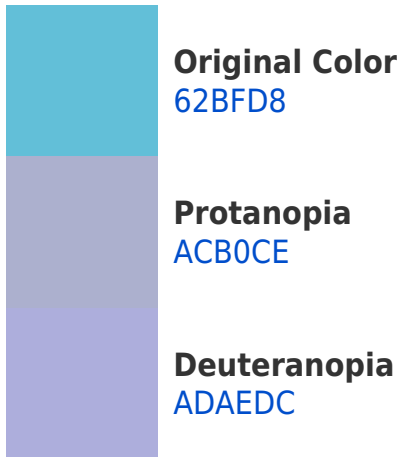


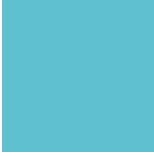
This preview shows how white text looks on a background with the Hex color 62BFD8.

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](#).

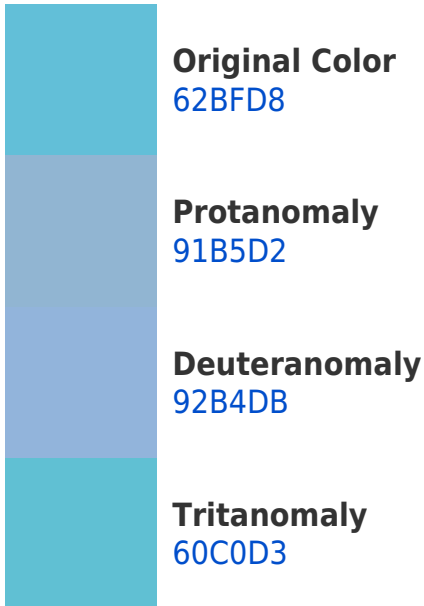
Dichromacy



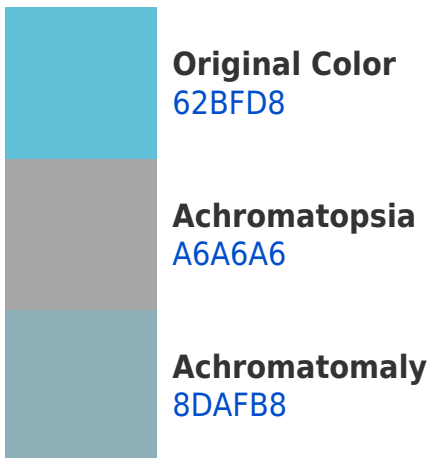


Tritanopia
5FC0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62BFD8 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 #62BFD8 looks like.

```
.text, #text, p{  
    color:#62BFD8  
}
```

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 #62BFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62BFD8  
}
```

Border

The CSS property to change the border of an element to Hex 62BFD8 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  
#62BFD8 }
```

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

```
.border{ border-color:#62BFD8 }
```

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

Here you see how a box with a 4 pixel #62BFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62BFD8; -webkit-box-shadow:4px 4px  
4px 4px #62BFD8; box-shadow:4px 4px 4px  
4px #62BFD8 }
```

Background

The CSS property to change the background color of an element to Hex 62BFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62BFD8 }
```

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

```
.background{ background-color:#62BFD8 }
```

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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