

Converting Colors

Hex(56B1D3)

Have a look what the booklet for
Hex(56B1D3) contains.

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Color

Hex(56B1D3)

Conversions

Conversions Part 1

Format	Color
Hex	56B1D3
RGB	86, 177, 211
RGB Percent	34%, 69%, 83%
CMY	0.6627, 0.3059, 0.1725
CMYK	0.59, 0.16, 0.00, 0.17
HSL	196°, 59%, 58%
HSV	196°, 59%, 83%
XYZ	31.3178, 38.1259, 67.3364
YIQ	153.6670, -65.1500, -8.7180

Conversions

Conversions Part 2

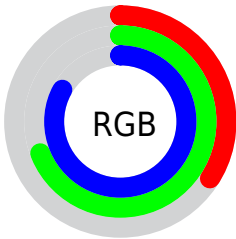
Format	Color
R_{YB}	86, 139, 211
Decimal	5681619
CIE _{Lab}	68.11, -17.21, -25.37
CIE _{LCh}	68, 30.660, 235.850
Yxy	38.1259, 0.2290, 0.2787
Android (android.graphics.Color)	4283871699 (0xFF56B1D3)
YUV	153.6670, 28.2652, -59.3440
Hunter-Lab	61.7461, -17.5202, -21.4356

Details

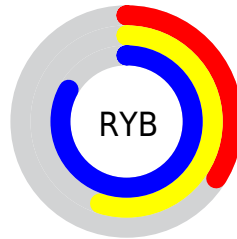
The Hex color **56B1D3** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **D37856**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **92E9FF**, and **007C9C** is the 20% darker color. If you saturate the color by 10%, you get **41ABD3**, and if you desaturate by 10%, it is **6BB7D3**.

Distribution



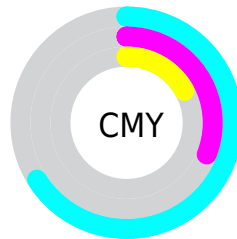
- Red (34%)
- Green (69%)
- Blue (83%)



- Red (34%)
- Yellow (55%)
- Blue (83%)



- Cyan (59%)
- Magenta (16%)
- Yellow (0%)
- Black (17%)



- Cyan (66%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B1D3 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 56B1D3 by changing the saturation by 10% instead.

■ 56B1D3

■ 56B1D3

FFFFFF

■ 3596B7

■ 92E9FF

■ 007C9C

■ AFFFFFF

■ 006382

■ CCFFFF

■ 004B69

■ EAFFFF

■ 003451

■ 002039

■ 000224

■ 00000C

■ 000000

■ 56B1D3

■ 56B1D3

■ 41ABD3

■ 6BB7D3

■ 2CA6D3

■ 80BCD3

■ 17A0D3

■ 95C2D3

■ 029AD3

■ AAC8D3

■ 009AD3

■ C0CED3

■ D5D3D3

■ EAD9D3

■ FFD3D3

■ FFE5D3

Harmonies

Analogous

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



4BB5BD



56B1D3



7BAADD

Triad

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



56B1D3



D992AB



A0AC74

Complementary

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



56B1D3



D37856

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.



BDA36F



56B1D3



DD938F

Square

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



56B1D3



C697C5



D29A79



80B286

Rectangle

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



56B1D3



97A4DB



D29A79



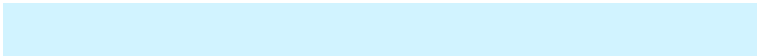
AAA970

Sweetspot

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



56B1D3



D1F3FF



56D377



637880



000000



808080

Same Dimension

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



56B1D3



4ACEFF



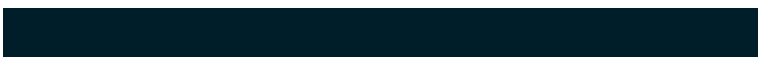
5673D3



5E6669



007BA8



001E29

Inverse Universe

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



D356B1



FF4ACE



D3B656



695E66



A8007B



29001E

Previews

White Background



This preview shows how the Hex color 56B1D3 looks on a white background.

Color Contrast Check

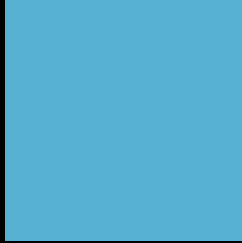
Large Text (above 18pt) WCAG AA × Fail

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 56B1D3 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 56B1D3 Background



This preview shows how black text looks on a background with the Hex color 56B1D3.

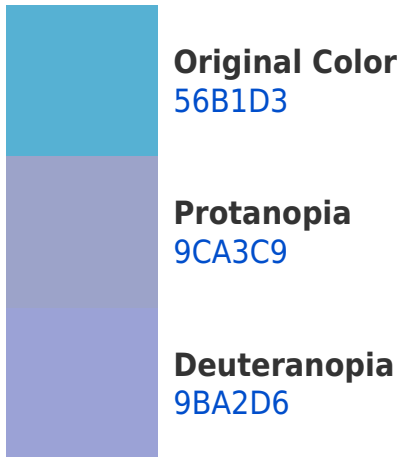


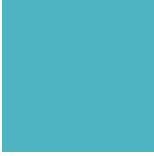
This preview shows how white text looks on a background with the Hex color 56B1D3.

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](#).

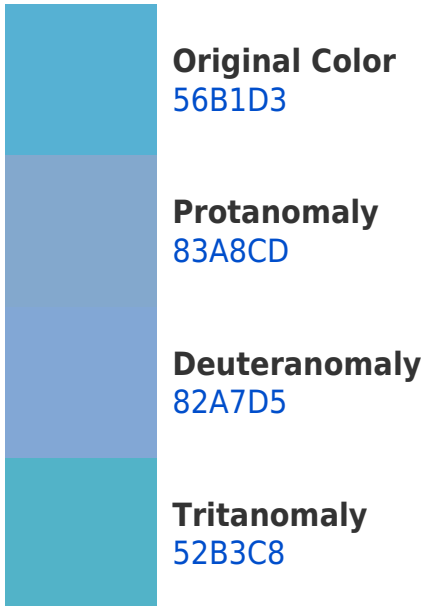
Dichromacy



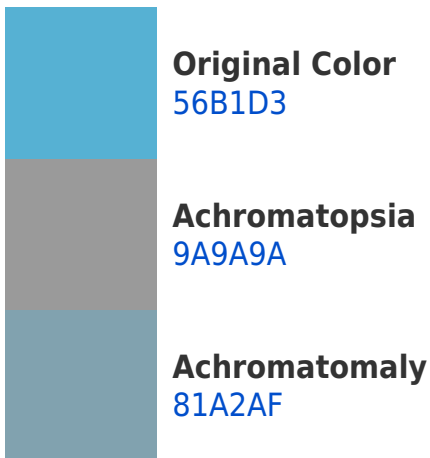


Tritanopia
4FB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56B1D3 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 #56B1D3 looks like.

```
.text, #text, p{  
    color:#56B1D3  
}
```

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 #56B1D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B1D3
}
```

Border

The CSS property to change the border of an element to Hex 56B1D3 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
#56B1D3 }
```

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

```
.border{ border-color:#56B1D3 }
```

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

Here you see how a box with a 4 pixel #56B1D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B1D3; -webkit-box-shadow:4px 4px  
4px 4px #56B1D3; box-shadow:4px 4px 4px  
4px #56B1D3 }
```

Background

The CSS property to change the background color of an element to Hex 56B1D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B1D3 }
```

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

```
.background{ background-color:#56B1D3 }
```

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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