

Converting Colors

Hex(56A4D4)

Have a look what the booklet for
Hex(56A4D4) contains.

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Color

Hex(56A4D4)

Conversions

Conversions Part 1

Format	Color
Hex	56A4D4
RGB	86, 164, 212
RGB Percent	34%, 64%, 83%
CMY	0.6627, 0.3569, 0.1686
CMYK	0.59, 0.23, 0.00, 0.17
HSL	203°, 59%, 58%
HSV	203°, 59%, 83%
XYZ	28.9969, 33.2828, 67.1833
YIQ	146.1500, -61.8960, -1.6080

Conversions

Conversions Part 2

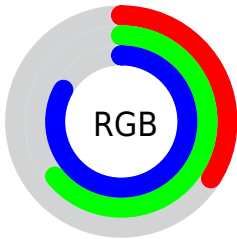
Format	Color
R _Y B	86, 134, 212
Decimal	5678292
CIE Lab	64.39, -9.91, -31.66
CIE LCh	64, 33.179, 252.621
Yxy	33.2828, 0.2240, 0.2571
Android (android.graphics.Color)	4283868372 (0xFF56A4D4)
YUV	146.1500, 32.4641, -52.7516
Hunter-Lab	57.6913, -11.2418, -28.6612

Details

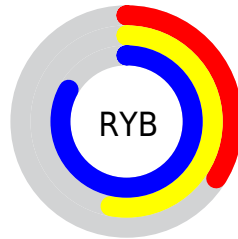
The Hex color **56A4D4** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D48656**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **91DBFF**, and **00709D** is the 20% darker color. If you saturate the color by 10%, you get **419CD4**, and if you desaturate by 10%, it is **6BACD4**.

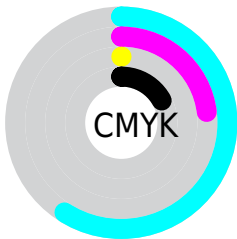
Distribution



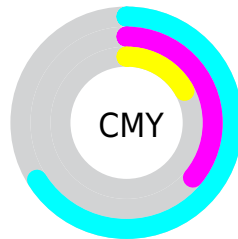
- Red (34%)
- Green (64%)
- Blue (83%)



- Red (34%)
- Yellow (53%)
- Blue (83%)



- Cyan (59%)
- Magenta (23%)
- Yellow (0%)
- Black (17%)



- Cyan (66%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A4D4 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 56A4D4 by changing the saturation by 10% instead.

■ 56A4D4

■ 56A4D4

FFFFFF

■ 368AB8

■ 91DBFF

■ 00709D

■ AEF7FF

■ 005883

■ CCFFFF

■ 00416A

■ EAFFFF

■ 002B51

■ 00173A

■ 000224

■ 00000C

■ 000000

■ 56A4D4

■ 56A4D4

■ 419CD4

■ 6BACD4

■ 2C94D4

■ 80B4D4

■ 168CD4

■ 96BCD4

■ 0184D4

■ ABC4D4

■ 0083D4

■ C0CCD4

■ D5D4D4

■ EADDD4

■ FFE5D4

■ FFEDD4

Harmonies

Analogous

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



2FAAC3



56A4D4



869BD6

Triad

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



56A4D4



D68591



83A670

Complementary

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



56A4D4



D48656

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.



A49E62



56A4D4



D18B75

Square

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



56A4D4



CB88AF



BF9464



5EAB89

Rectangle

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



56A4D4



A394CE



BF9464



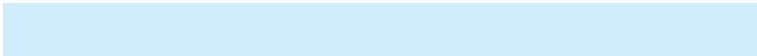
8EA469

Sweetspot

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



56A4D4



D1EEFF



56D484



637580



000000



808080

Same Dimension

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



56A4D4



4ABAFF



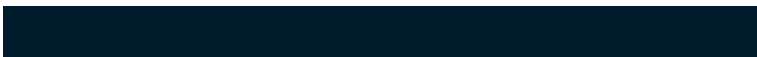
5667D4



60676B



006AAB



001B2B

Inverse Universe

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



D456A4



FF4ABA



D4C356



6B6067



AB006A



2B001B

Previews

White Background



This preview shows how the Hex color 56A4D4 looks on a white background.

Color Contrast Check

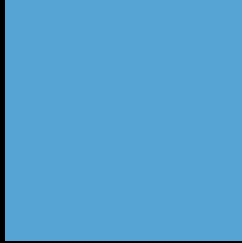
Large Text (above 18pt) WCAG AA × Fail

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 56A4D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

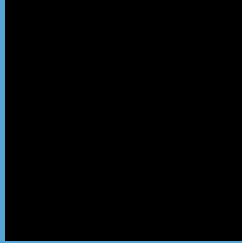
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

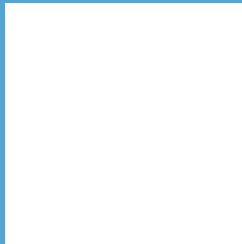
Any Text WCAG AAA ✓ Pass

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

Hex 56A4D4 Background



This preview shows how black text looks on a background with the Hex color 56A4D4.

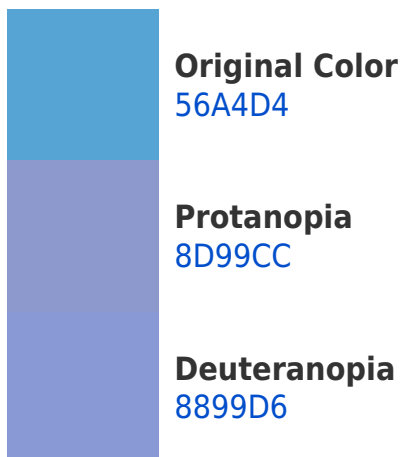


This preview shows how white text looks on a background with the Hex color 56A4D4.

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](#).

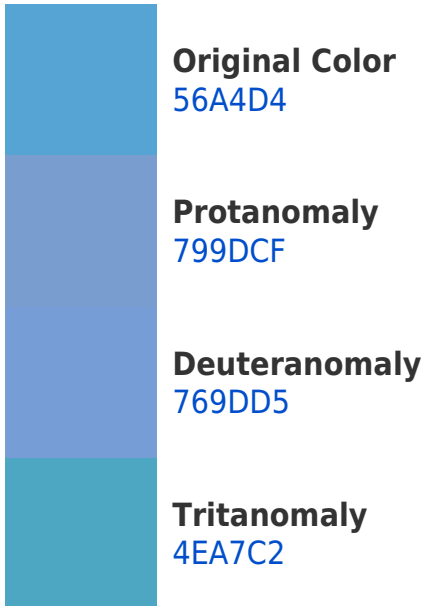
Dichromacy



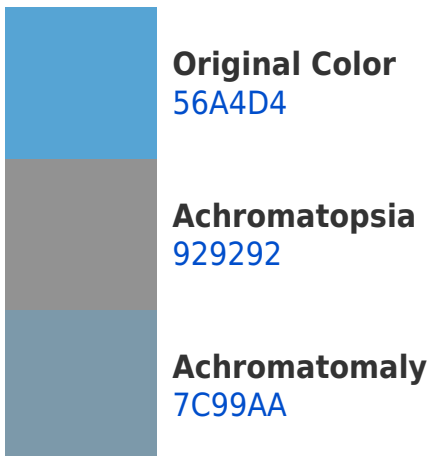


Tritanopia
49A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56A4D4 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 #56A4D4 looks like.

```
.text, #text, p{  
    color:#56A4D4  
}
```

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 #56A4D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A4D4
}
```

Border

The CSS property to change the border of an element to Hex 56A4D4 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
#56A4D4 }
```

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

```
.border{ border-color:#56A4D4 }
```

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

Here you see how a box with a 4 pixel #56A4D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A4D4; -webkit-box-shadow:4px 4px  
4px 4px #56A4D4; box-shadow:4px 4px 4px  
4px #56A4D4 }
```

Background

The CSS property to change the background color of an element to Hex 56A4D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A4D4 }
```

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

```
.background{ background-color:#56A4D4 }
```

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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