

Converting Colors

Hex(53AFD7)

Have a look what the booklet for
Hex(53AFD7) contains.

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Color

Hex(53AFD7)

Conversions

Conversions Part 1

Format	Color
Hex	53AFD7
RGB	83, 175, 215
RGB Percent	33%, 69%, 84%
CMY	0.6745, 0.3137, 0.1569
CMYK	0.61, 0.19, 0.00, 0.16
HSL	198°, 62%, 58%
HSV	198°, 61%, 84%
XYZ	31.1630, 37.4052, 69.8674
YIQ	152.0520, -67.6720, -7.0640

Conversions

Conversions Part 2

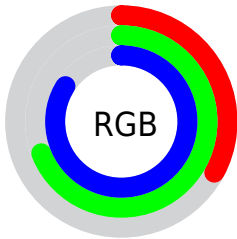
Format	Color
R _Y B	83, 137, 215
Decimal	5484503
CIE Lab	67.58, -15.48, -28.40
CIE LCh	68, 32.347, 241.404
Yxy	37.4052, 0.2251, 0.2702
Android (android.graphics.Color)	4283674583 (0xFF53AFD7)
YUV	152.0520, 31.0334, -60.5586
Hunter-Lab	61.1598, -16.0779, -24.9195

Details

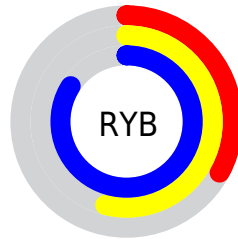
The Hex color **53AFD7** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D77B53**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8FE7FF**, and **007BA0** is the 20% darker color. If you saturate the color by 10%, you get **3EA8D7**, and if you desaturate by 10%, it is **69B6D7**.

Distribution



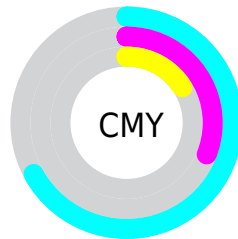
- Red (33%)
- Green (69%)
- Blue (84%)



- Red (33%)
- Yellow (54%)
- Blue (84%)



- Cyan (61%)
- Magenta (19%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AFD7 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 53AFD7 by changing the saturation by 10% instead.

■ 53AFD7

■ 53AFD7

FFFFFF

■ 3194BB

■ 8FE7FF

■ 007BA0

■ ADFFFF

■ 006286

■ CBFFFF

■ 004A6C

■ E9FFFF

■ 003354

■ 001F3C

■ 000327

■ 000110

■ 000000

■ 53AFD7

■ 53AFD7

■ 3EA8D7

■ 69B6D7

■ 28A2D7

■ 7EBCD7

■ 139BD7

■ 94C3D7

■ 0096D7

■ A9C9D7

■ BFD0D7

■ D4D6D7

■ EADDD7

■ FFE3D7

■ FFEAD7

Harmonies

Analogous

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



3FB4C2



53AFD7



7FA7DE

Triad

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



53AFD7



DC8EA4



98AC72

Complementary

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



53AFD7



D77B53

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.



B7A36A



53AFD7



DD9188

Square

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



53AFD7



CB93C1



CF9972



76B288

Rectangle

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



53AFD7



9DA0DB



CF9972



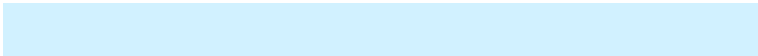
A3A96E

Sweetspot

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



53AFD7



D1F1FF



53D77B



637780



000000



808080

Same Dimension

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



53AFD7



42C6FF



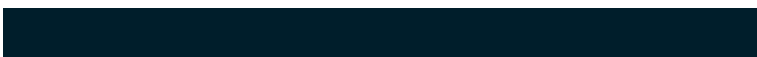
536DD7



60686B



0077AB



001E2B

Inverse Universe

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



D753AF



FF42C6



D7BD53



6B6068



AB0077



2B001E

Previews

White Background



This preview shows how the Hex color 53AFD7 looks on a white background.

Color Contrast Check

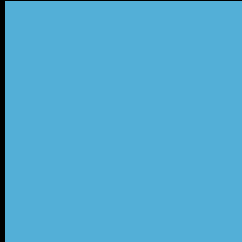
Large Text (above 18pt) WCAG AA × Fail

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 53AFD7 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 53AFD7 Background



This preview shows how black text looks on a background with the Hex color 53AFD7.

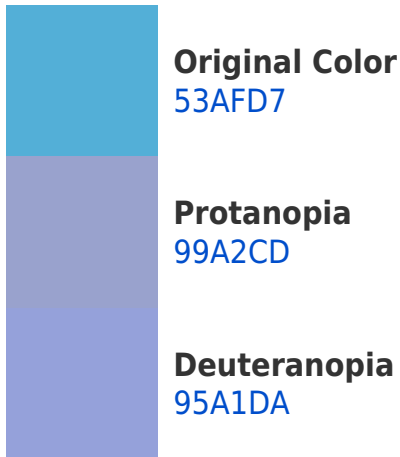


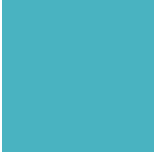
This preview shows how white text looks on a background with the Hex color 53AFD7.

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](#).

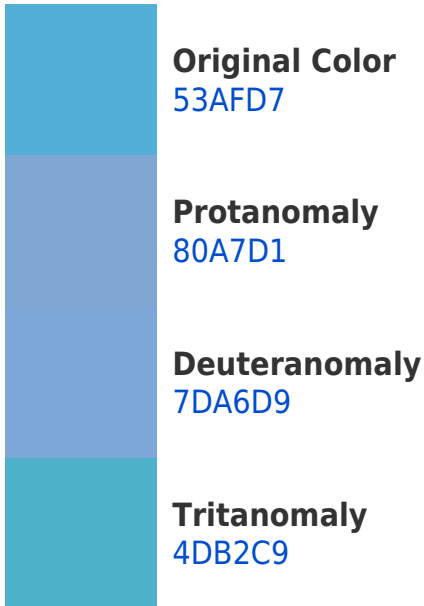
Dichromacy



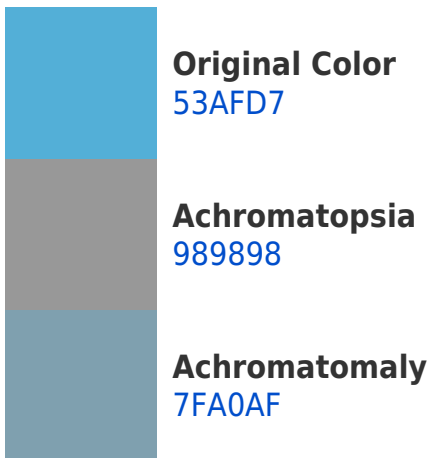


Tritanopia
49B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53AFD7 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 #53AFD7 looks like.

```
.text, #text, p{  
    color:#53AFD7  
}
```

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 #53AFD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AFD7
}
```

Border

The CSS property to change the border of an element to Hex 53AFD7 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
#53AFD7 }
```

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

```
.border{ border-color:#53AFD7 }
```

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

Here you see how a box with a 4 pixel #53AFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AFD7; -webkit-box-shadow:4px 4px  
4px 4px #53AFD7; box-shadow:4px 4px 4px  
4px #53AFD7 }
```

Background

The CSS property to change the background color of an element to Hex 53AFD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AFD7 }
```

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

```
.background{ background-color:#53AFD7 }
```

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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