

Converting Colors

Hex(5FA2D7)

Have a look what the booklet for
Hex(5FA2D7) contains.

Hex(5FA2D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5FA2D7)

Conversions

Conversions Part 1

Format	Color
Hex	5FA2D7
RGB	95, 162, 215
RGB Percent	37%, 64%, 84%
CMY	0.6275, 0.3647, 0.1569
CMYK	0.56, 0.25, 0.00, 0.16
HSL	206°, 60%, 61%
HSV	206°, 56%, 84%
XYZ	29.9054, 33.1799, 69.1181
YIQ	148.0090, -56.9450, 2.2790

Conversions

Conversions Part 2

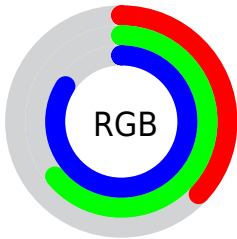
Format	Color
R_{YB}	95, 138, 215
Decimal	6267607
CIE _{Lab}	64.31, -6.07, -33.43
CIE _{LCh}	64, 33.974, 259.702
Yxy	33.1799, 0.2262, 0.2510
Android (android.graphics.Color)	4284457687 (0xFF5FA2D7)
YUV	148.0090, 33.0266, -46.4889
Hunter-Lab	57.6020, -8.1310, -30.8223

Details

The Hex color **5FA2D7** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **D7945F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **99D9FF**, and **1B6FA0** is the 20% darker color. If you saturate the color by 10%, you get **4A99D7**, and if you desaturate by 10%, it is **75ABD7**.

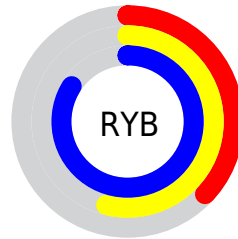
Distribution



Red (37%)

Green (64%)

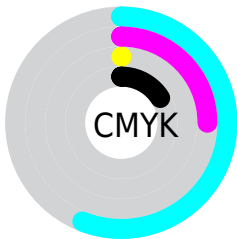
Blue (84%)



Red (37%)

Yellow (54%)

Blue (84%)

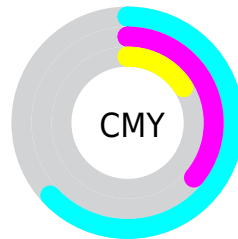


Cyan (56%)

Magenta (25%)

Yellow (0%)

Black (16%)



Cyan (63%)

Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FA2D7 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 5FA2D7 by changing the saturation by 10% instead.

■ 5FA2D7

■ 5FA2D7

FFFFFF

■ 4188BB

■ 99D9FF

■ 1B6FA0

■ B6F5FF

■ 005686

■ D3FFFF

■ 003F6C

■ F1FFFF

■ 002A54

■ 00163C

■ 000226

■ 00010F

■ 000000

■ 5FA2D7

■ 5FA2D7

■ 4A99D7

■ 75ABD7

■ 348FD7

■ 8AB5D7

■ 1E86D7

■ A0BED7

■ 097CD7

■ B5C8D7

■ 0078D7

■ CBD1D7

■ E0DBD7

■ F6E4D7

■ FFEED7

■ FFF7D7

Harmonies

Analogous

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



2FA9C9



5FA2D7



9098D5

Triad

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



5FA2D7



D88589



79A874

Complementary

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



5FA2D7



D7945F

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.



9CA062



5FA2D7



CF8C6F

Square

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



5FA2D7



D086A8



B99660



53AC90

Rectangle

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



5FA2D7



AC90CB



B99660



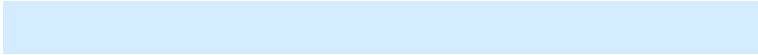
85A56C

Sweetspot

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



5FA2D7



D4ECFF



5FD793



667480



000000



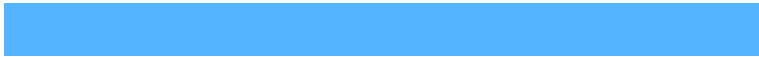
808080

Same Dimension

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



5FA2D7



54B4FF



5F67D7



60666B



005FAB



00182B

Inverse Universe

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



D75FA2



FF54B4



D7CF5F



6B6066



AB005F



2B0018

Previews

White Background



This preview shows how the Hex color 5FA2D7 looks on a white background.

Color Contrast Check

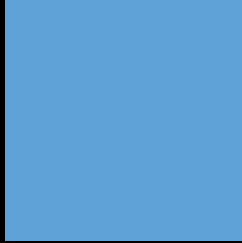
Large Text (above 18pt) WCAG AA × Fail

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 5FA2D7 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 5FA2D7 Background



This preview shows how black text looks on a background with the Hex color 5FA2D7.

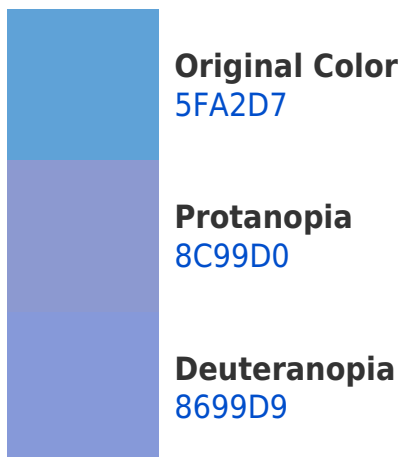


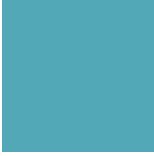
This preview shows how white text looks on a background with the Hex color 5FA2D7.

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](#).

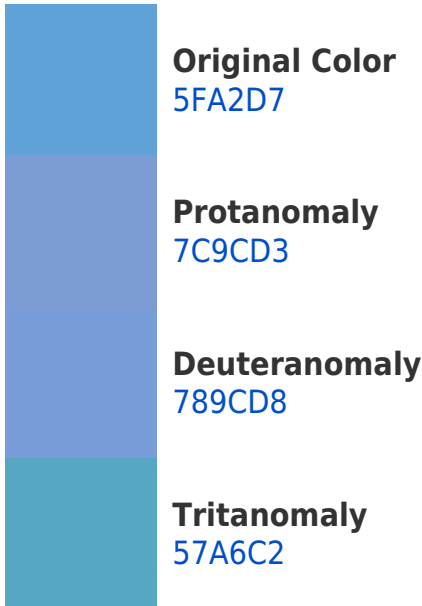
Dichromacy



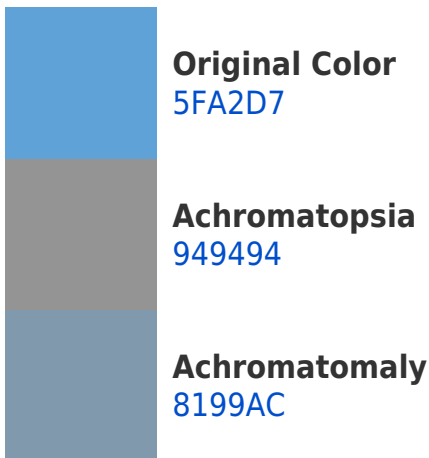


Tritanopia
52A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FA2D7 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 #5FA2D7 looks like.

```
.text, #text, p{  
    color:#5FA2D7  
}
```

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 #5FA2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA2D7
}
```

Border

The CSS property to change the border of an element to Hex 5FA2D7 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
#5FA2D7 }
```

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

```
.border{ border-color:#5FA2D7 }
```

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

Here you see how a box with a 4 pixel #5FA2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA2D7; -webkit-box-shadow:4px 4px  
4px 4px #5FA2D7; box-shadow:4px 4px 4px  
4px #5FA2D7 }
```

Background

The CSS property to change the background color of an element to Hex 5FA2D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA2D7 }
```

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

```
.background{ background-color:#5FA2D7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor