

Converting Colors

Hex(538FAA)

Have a look what the booklet for
Hex(538FAA) contains.

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Color

Hex(538FAA)

Conversions

Conversions Part 1

Format	Color
Hex	538FAA
RGB	83, 143, 170
RGB Percent	33%, 56%, 67%
CMY	0.6745, 0.4392, 0.3333
CMYK	0.51, 0.16, 0.00, 0.33
HSL	199°, 34%, 50%
HSV	199°, 51%, 67%
XYZ	20.6454, 24.3862, 41.6491
YIQ	128.1380, -44.4270, -4.3230

Conversions

Conversions Part 2

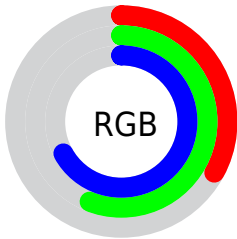
Format	Color
R_{YB}	83, 119, 170
Decimal	5476266
CIE _{Lab}	56.47, -11.82, -20.23
CIE _{LCh}	56, 23.430, 239.701
Yxy	24.3862, 0.2382, 0.2813
Android (android.graphics.Color)	4283666346 (0xFF538FAA)
YUV	128.1380, 20.6380, -39.5860
Hunter-Lab	49.3824, -11.7932, -15.4375

Details

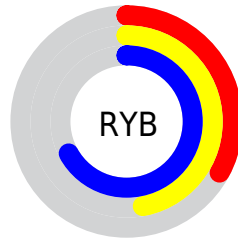
The Hex color **538FAA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AA6E53**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8AC5E1**, and **175D76** is the 20% darker color. If you saturate the color by 10%, you get **428AAA**, and if you desaturate by 10%, it is **6494AA**.

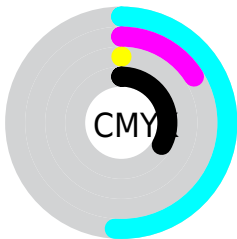
Distribution



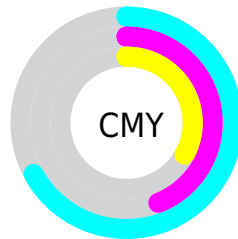
- Red (33%)
- Green (56%)
- Blue (67%)



- Red (33%)
- Yellow (47%)
- Blue (67%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 538FAA 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 538FAA by changing the saturation by 10% instead.

■ 538FAA

■ 538FAA

FFFFFF

■ 37758F

■ 8AC5E1

■ 175D76

■ A6E1FE

■ 00455D

■ C2FDFF

■ 002F45

■ DFFFFF

■ 001B2F

■ FCFFFF

■ 00011A

■ 000000

■ 538FAA

■ 538FAA

■ 428AAA

■ 6494AA

■ 3184AA

■ 759AAA

■ 207FAA

■ 869FAA

■ 0F7AAA

■ 97A4AA

■ 0075AA

■ A8A9AA

■ B9AFAA

■ CAB4AA

■ DBB9AA

■ ECBEAA

Harmonies

Analogous

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



49929B



538FAA



6D89B0

Triad

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



538FAA



AE7888



818C64

Complementary

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



538FAA



AA6E53

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.



96865F



538FAA



B07A74

Square

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



538FAA



A17C9C



A77F65



699172

Rectangle

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



538FAA



8185AE



A77F65



888A61

Sweetspot

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



538FAA



BDD4DE



53AA6D



5C6A70



F0F0F0



707070

Same Dimension

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



538FAA



57B4DE



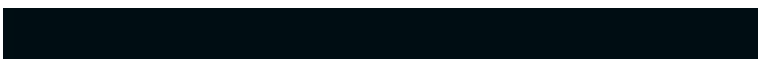
5364AA



4C5254



006694



000E14

Inverse Universe

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



AA538F



DE57B4



AA9953



544C52



940066



14000E

Previews

White Background



This preview shows how the Hex color 538FAA looks on a white background.

Color Contrast Check

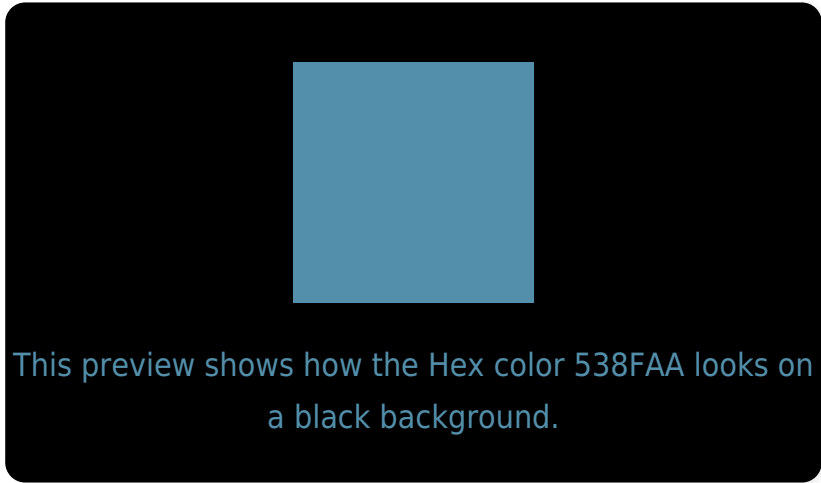
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

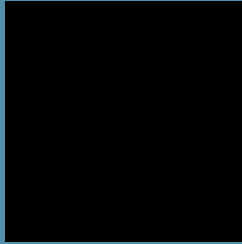
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 538FAA Background



This preview shows how black text looks on a background with the Hex color 538FAA.

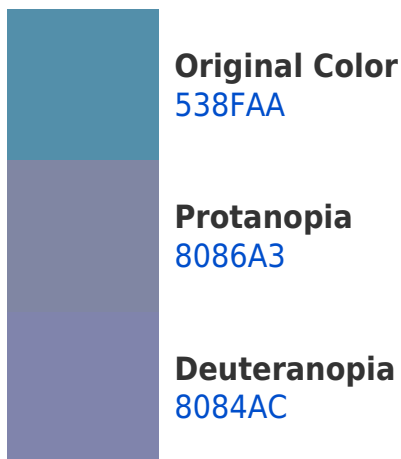


This preview shows how white text looks on a background with the Hex color 538FAA.

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](#).

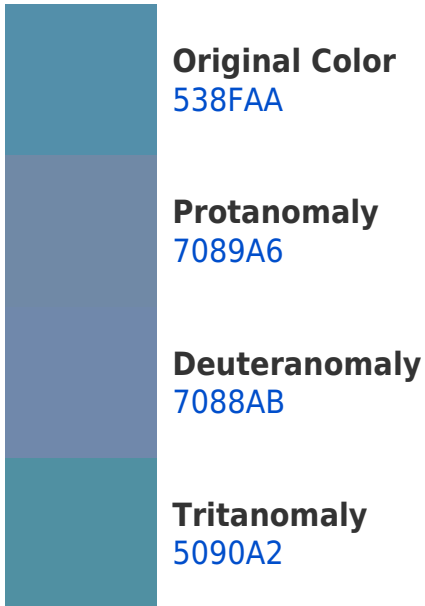
Dichromacy



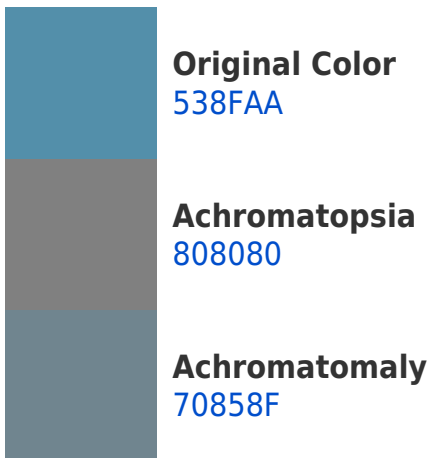


Tritanopia
4F919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 538FAA 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 #538FAA looks like.

```
.text, #text, p{  
    color:#538FAA  
}
```

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 #538FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538FAA
}
```

Border

The CSS property to change the border of an element to Hex 538FAA 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
#538FAA }
```

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

```
.border{ border-color:#538FAA }
```

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

Here you see how a box with a 4 pixel #538FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538FAA; -webkit-box-shadow:4px 4px  
4px 4px #538FAA; box-shadow:4px 4px 4px  
4px #538FAA }
```

Background

The CSS property to change the background color of an element to Hex 538FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538FAA }
```

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

```
.background{ background-color:#538FAA }
```

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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