

Converting Colors

Hex(538BCF)

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

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Color

Hex(538BCF)

Conversions

Conversions Part 1

Format	Color
Hex	538BCF
RGB	83, 139, 207
RGB Percent	33%, 55%, 81%
CMY	0.6745, 0.4549, 0.1882
CMYK	0.60, 0.33, 0.00, 0.19
HSL	213°, 56%, 57%
HSV	213°, 60%, 81%
XYZ	24.0624, 24.8092, 62.5519
YIQ	130.0080, -55.2040, 9.2760

Conversions

Conversions Part 2

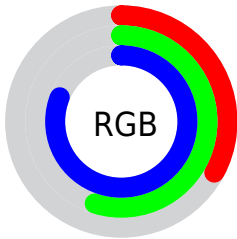
Format	Color
R_{YB}	83, 122, 207
Decimal	5475279
CIE Lab	56.89, 2.13, -40.59
CIE LCh	57, 40.646, 272.998
Yxy	24.8092, 0.2160, 0.2227
Android (android.graphics.Color)	4283665359 (0xFF538BCF)
YUV	130.0080, 37.9571, -41.2260
Hunter-Lab	49.8089, -0.9332, -39.5925

Details

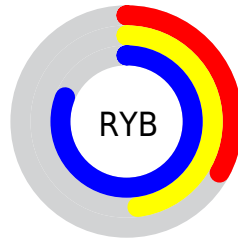
The Hex color **538BCF** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CF9753**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8EC0FF**, and **005998** is the 20% darker color. If you saturate the color by 10%, you get **3E80CF**, and if you desaturate by 10%, it is **6896CF**.

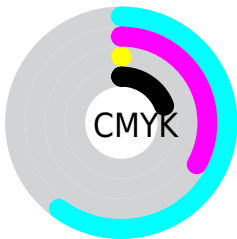
Distribution



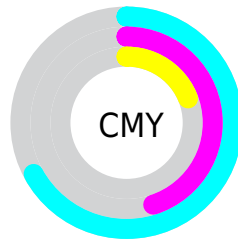
- Red (33%)
- Green (55%)
- Blue (81%)



- Red (33%)
- Yellow (48%)
- Blue (81%)



- Cyan (60%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 538BCF

 538BCF

FFFFFF

 3372B3

 8EC0FF

 005998

 ABDCFF

 00427E

 C8F8FF

 002D65

 E5FFFF

 00194C

 000535

 00021F

 000002

 000000

■ 538BCF

■ 538BCF

■ 3E80CF

■ 6896CF

■ 2A74CF

■ 7CA2CF

■ 1569CF

■ 91ADCF

■ 005ECF

■ A6B8CF

■ 005DCF

■ BBC4CF

■ CFCFCF

■ E4DACF

■ F9E6CF

■ FFF1CF

Harmonies

Analogous

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



0095C7



538BCF



907EC4

Triad

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



538BCF



C96F64



489867

Complementary

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



538BCF



CF9753

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.



76924B



538BCF



B87B4A

Square

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



538BCF



CA6B86



9B8840



009B8B

Rectangle

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



538BCF



AD75B4



9B8840



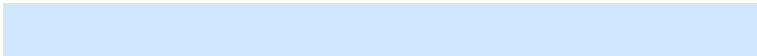
59965C

Sweetspot

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



538BCF



D1E6FF



53CF95



637080



000000



808080

Same Dimension

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



538BCF



479AFF



5753CF



5E6369



004CA8



001229

Inverse Universe

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



CF538B



FF479A



CBCF53



695E63



A8004C



290012

Previews

White Background



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

Color Contrast Check

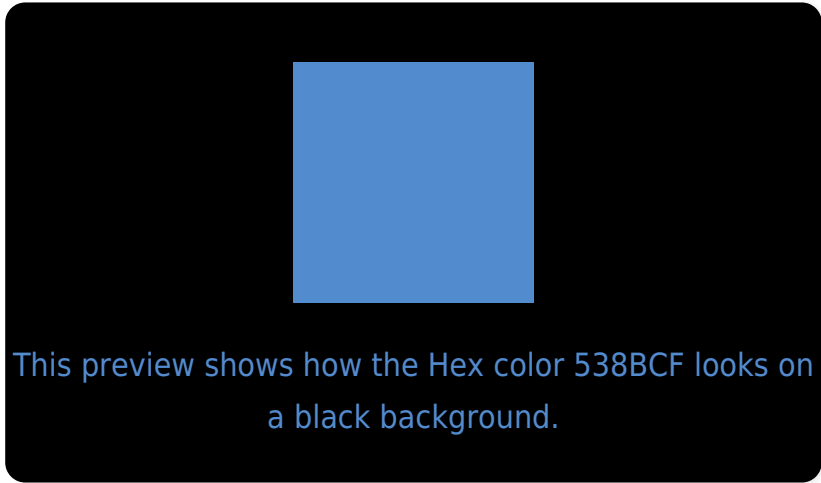
Large Text (above 18pt) WCAG AA ✓ Pass

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

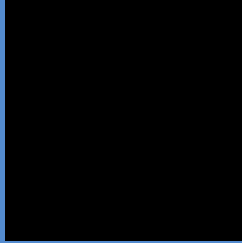
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

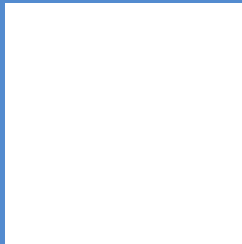
Any Text WCAG AAA × Fail

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

Hex 538BCF Background



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



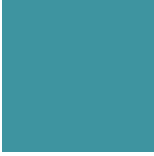
This preview shows how white text looks on a background with the Hex color 538BCF.

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](#).

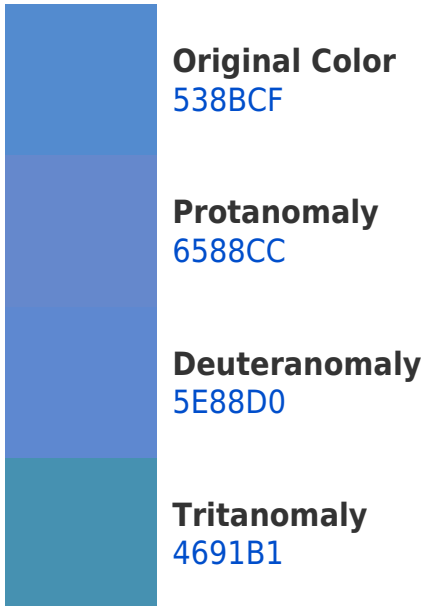
Dichromacy





Tritanopia
3E94A0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #538BCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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