

# Converting Colors

Hex(538ED3)

Have a look what the booklet for  
Hex(538ED3) contains.

<b>Hex(538ED3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(538ED3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	538ED3
RGB	83, 142, 211
RGB Percent	33%, 56%, 83%
CMY	0.6745, 0.4431, 0.1725
CMYK	0.61, 0.33, 0.00, 0.17
HSL	212°, 59%, 58%
HSV	212°, 61%, 83%
XYZ	24.9982, 25.8882, 65.3074
YIQ	132.2250, -57.3130, 8.9510

# Conversions

## Conversions Part 2

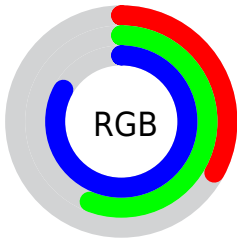
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 123, 211
Decimal	5476051
CIE Lab	57.93, 1.68, -41.20
CIE LCh	58, 41.235, 272.341
Yxy	25.8882, 0.2151, 0.2228
Android (android.graphics.Color)	4283666131 (0xFF538ED3)
YUV	132.2250, 38.8361, -43.1703
Hunter-Lab	50.8804, -1.3415, -40.4852

# Details

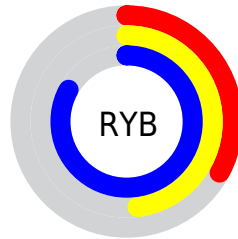
The Hex color **538ED3** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D39853**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8EC3FF**, and **005C9C** is the 20% darker color. If you saturate the color by 10%, you get **3E83D3**, and if you desaturate by 10%, it is **6899D3**.

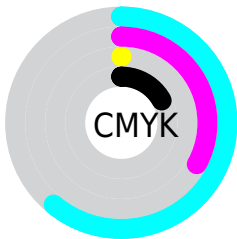
# Distribution



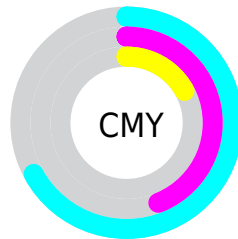
- Red (33%)
- Green (56%)
- Blue (83%)



- Red (33%)
- Yellow (48%)
- Blue (83%)



- Cyan (61%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (67%)
- Magenta (44%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 538ED3 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 538ED3 by changing the saturation by 10% instead.



■ 538ED3

■ 538ED3

FFFFFF

■ 3275B7

■ 8EC3FF

■ 005C9C

■ ABDFFF

■ 004582

■ C9FCFF

■ 002F68

■ E6FFFF

■ 001B50

■ 000538

■ 000222

■ 000008

■ 000000

■ 538ED3

■ 538ED3

■ 3E83D3

■ 6899D3

■ 2977D3

■ 7DA5D3

■ 146CD3

■ 92B0D3

■ 0061D3

■ A7BBD3

■ BCC7D3

■ D2D2D3

■ E7DED3

■ FCE9D3

■ FFF4D3

# Harmonies

## Analogous

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



0098CA



538ED3



9281C8

# Triad

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



538ED3



CD7267



4A9B68

# Complementary

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



538ED3



D39853

# 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.



79944C



538ED3



BC7D4C

# Square

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



538ED3



CE6D8A



9E8A41



009E8D

# Rectangle

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



538ED3



AF78B8



9E8A41



5C995E

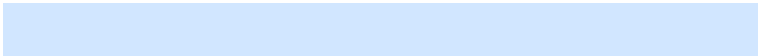


# Sweetspot

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



538ED3



D1E6FF



53D397



637080



000000



808080



# Same Dimension

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



538ED3



459BFF



5753D3



5E6369



004EA8



001329



# Inverse Universe

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



D3538E



FF459B



CFD353



695E63



A8004E

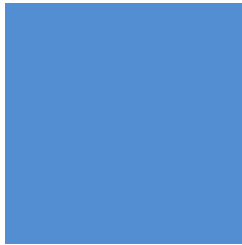


290013



# Previews

## White Background



This preview shows how the Hex color 538ED3 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



This preview shows how the Hex color 538ED3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

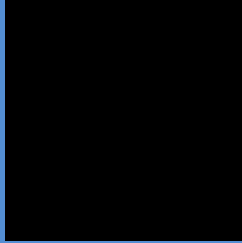
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

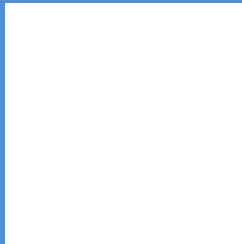
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 538ED3 Background



This preview shows how black text looks on a background with the Hex color 538ED3.

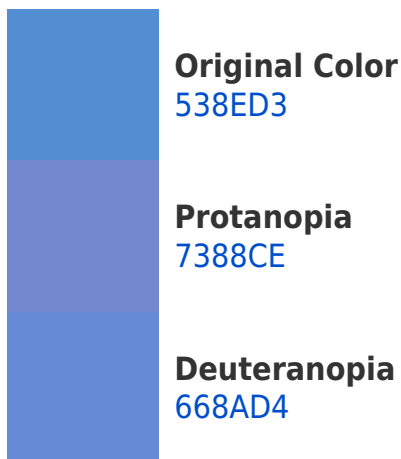


This preview shows how white text looks on a background with the Hex color 538ED3.

# 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](#).

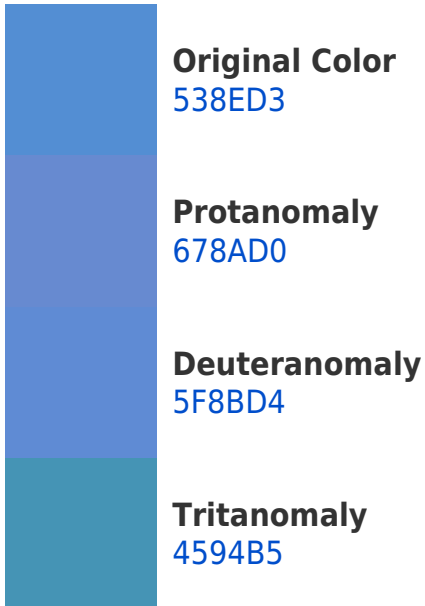
## Dichromacy



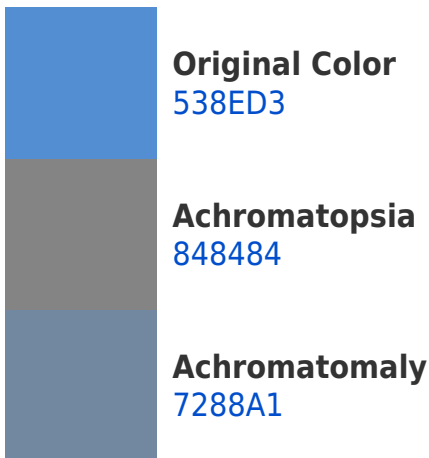


**Tritanopia**  
3D97A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 538ED3 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 #538ED3 looks like.

```
.text, #text, p{  
    color:#538ED3  
}
```

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 #538ED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538ED3
}
```

## Border

The CSS property to change the border of an element to Hex 538ED3 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
#538ED3 }
```

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

```
.border{ border-color:#538ED3 }
```

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

Here you see how a box with a 4 pixel #538ED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538ED3; -webkit-box-shadow:4px 4px  
4px 4px #538ED3; box-shadow:4px 4px 4px  
4px #538ED3 }
```

# Background

The CSS property to change the background color of an element to Hex 538ED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538ED3 }
```

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

```
.background{ background-color:#538ED3 }
```

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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