

# Converting Colors

Hex(557DD3)

Have a look what the booklet for  
Hex(557DD3) contains.

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# Color

**Hex(557DD3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	557DD3
RGB	85, 125, 211
RGB Percent	33%, 49%, 83%
CMY	0.6667, 0.5098, 0.1725
CMYK	0.60, 0.41, 0.00, 0.17
HSL	221°, 59%, 58%
HSV	221°, 60%, 83%
XYZ	22.8378, 21.3017, 64.5360
YIQ	122.8440, -51.4460, 18.2660

# Conversions

## Conversions Part 2

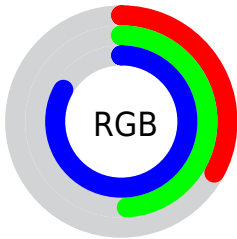
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 115, 211
Decimal	5602771
CIE <sub>Lab</sub>	53.28, 12.23, -48.56
CIE <sub>LCh</sub>	53, 50.072, 284.139
Yxy	21.3017, 0.2101, 0.1960
Android (android.graphics.Color)	4283792851 (0xFF557DD3)
YUV	122.8440, 43.4609, -33.1892
Hunter-Lab	46.1537, 7.5564, -50.5966

# Details

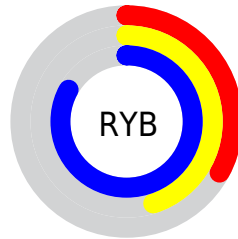
The Hex color **557DD3** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **D3AB55**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **90B1FF**, and **004D9C** is the 20% darker color. If you saturate the color by 10%, you get **406FD3**, and if you desaturate by 10%, it is **6A8BD3**.

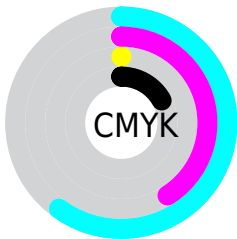
# Distribution



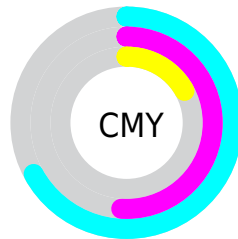
- Red (33%)
- Green (49%)
- Blue (83%)



- Red (33%)
- Yellow (45%)
- Blue (83%)



- Cyan (60%)
- Magenta (41%)
- Yellow (0%)
- Black (17%)



- Cyan (67%)
- Magenta (51%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557DD3 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 557DD3 by changing the saturation by 10% instead.



■ 557DD3

■ 557DD3

FFFFFF

■ 3564B7

■ 90B1FF

■ 004D9C

■ ADCDFF

■ 003781

■ CAE9FF

■ 002268

■ E8FFFF

■ 000C4F

■ 000537

■ 000221

■ 000006

■ 000000

■ 557DD3

■ 557DD3

■ 406FD3

■ 6A8BD3

■ 2B60D3

■ 7F9AD3

■ 1652D3

■ 94A8D3

■ 0143D3

■ A9B7D3

■ 0043D3

■ BFC5D3

■ D4D3D3

■ E9E2D3

■ FEF0D3

■ FFFF03

# Harmonies

## Analogous

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



008AD2



557DD3



9C6BBE

# Triad

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



557DD3



C46445



009366

# Complementary

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



557DD3



D3AB55

# 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.



528D3E



557DD3



A97528

# Square

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



557DD3



CE586D



838324



009493

# Rectangle

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



557DD3



B860A6



838324



1B9158



# Sweetspot

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



557DD3



D1E0FF



55D3A9



636C80



000000



808080



# Same Dimension

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



557DD3



4782FF



6A55D3



5E6169



0035A8



000D29



# Inverse Universe

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



D3557D



FF4782



BED355



695E61



A80035



29000D



# Previews

## White Background



This preview shows how the Hex color 557DD3 looks on a white background.

## Color Contrast Check

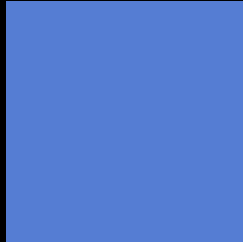
Large Text (above 18pt) WCAG AA ✓ Pass

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 557DD3 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 557DD3 Background



This preview shows how black text looks on a background with the Hex color 557DD3.

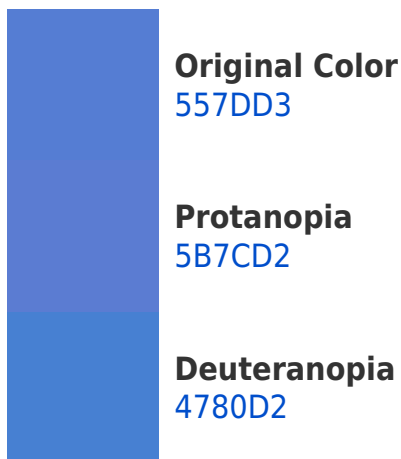


This preview shows how white text looks on a background with the Hex color 557DD3.

# 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](#).

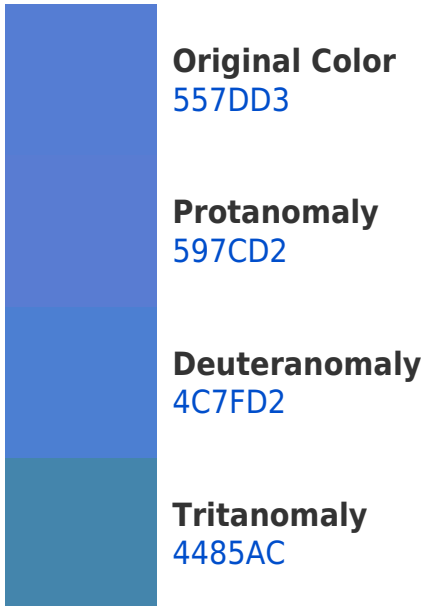
## Dichromacy



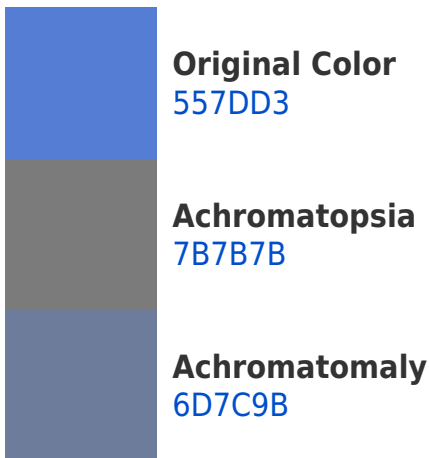


**Tritanopia**  
3A8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557DD3 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 #557DD3 looks like.

```
.text, #text, p{  
    color:#557DD3  
}
```

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 #557DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557DD3
}
```

## Border

The CSS property to change the border of an element to Hex 557DD3 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
#557DD3 }
```

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

```
.border{ border-color:#557DD3 }
```

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

Here you see how a box with a 4 pixel #557DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557DD3; -webkit-box-shadow:4px 4px  
4px 4px #557DD3; box-shadow:4px 4px 4px  
4px #557DD3 }
```

# Background

The CSS property to change the background color of an element to Hex 557DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557DD3 }
```

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

```
.background{ background-color:#557DD3 }
```

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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