

# Converting Colors

Hex(507DF5)

Have a look what the booklet for  
Hex(507DF5) contains.

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# **Color**

**Hex(507DF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	507DF5
RGB	80, 125, 245
RGB Percent	31%, 49%, 96%
CMY	0.6863, 0.5098, 0.0392
CMYK	0.67, 0.49, 0.00, 0.04
HSL	224°, 89%, 64%
HSV	224°, 67%, 96%
XYZ	27.1233, 22.9653, 89.3894
YIQ	125.2250, -65.3400, 27.7800

# Conversions

## Conversions Part 2

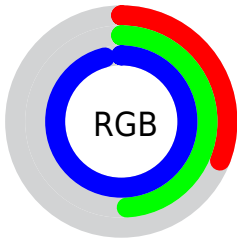
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 115, 245
Decimal	5275125
CIELab	55.04, 22.99, -64.79
CIELCh	55, 68.753, 289.536
Yxy	22.9653, 0.1945, 0.1647
Android (android.graphics.Color)	4283465205 (0xFF507DF5)
YUV	125.2250, 59.0491, -39.6623
Hunter-Lab	47.9221, 17.1651, -77.0485

# Details

The Hex color **507DF5** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **F5C850**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **91B1FF**, and **004DBC** is the 20% darker color. If you saturate the color by 10%, you get **386BF5**, and if you desaturate by 10%, it is **698FF5**.

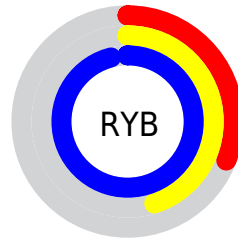
# Distribution



Red (31%)

Green (49%)

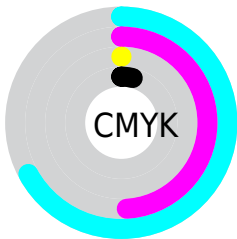
Blue (96%)



Red (31%)

Yellow (45%)

Blue (96%)

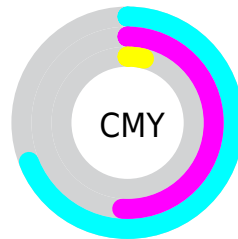


Cyan (67%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (69%)

Magenta (51%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 507DF5 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 507DF5 by changing the saturation by 10% instead.



 507DF5

 507DF5

FFFFFF

 2664D8

 91B1FF

 004DBC

 B0CCFF

 0037A0

 CEE8FF

 002385

 EDFFFF

 00116B

 000A52

 00053A

 000224

 00000B

■ 507DF5

■ 507DF5

■ 386BF5

■ 698FF5

■ 1F59F5

■ 81A1F5

■ 0748F5

■ 9AB2F5

■ 0043F5

■ B2C4F5

■ CBD6F5

■ E3E8F5

■ FCFAF5

■ FFFFF5

# Harmonies

## Analogous

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



0091FA



507DF5



B660D2

# Triad

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



507DF5



D85F28



009D6C

# Complementary

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



507DF5



F5C850

# 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.



25982F



507DF5



B07A00

# Square

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



507DF5



EC4560



7A8D00



009FAA

# Rectangle

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



507DF5



D84DAF



7A8D00



009C57



# Sweetspot

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



507DF5



CCDAFF



50F5C6



616980



000000



808080



# Same Dimension

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



507DF5



3069FF



7450F5



6E717A



0033BA



00103B



# Inverse Universe

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



F5507D



FF3069



D1F550



7A6E71



BA0033

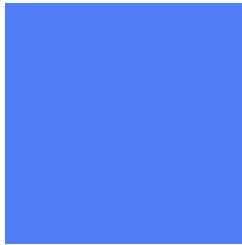


3B0010



# Previews

## White Background



This preview shows how the Hex color 507DF5 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 507DF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

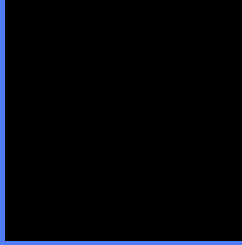
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 507DF5 Background



This preview shows how black text looks on a background with the Hex color 507DF5.



This preview shows how white text looks on a background with the Hex color 507DF5.

# 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](#).

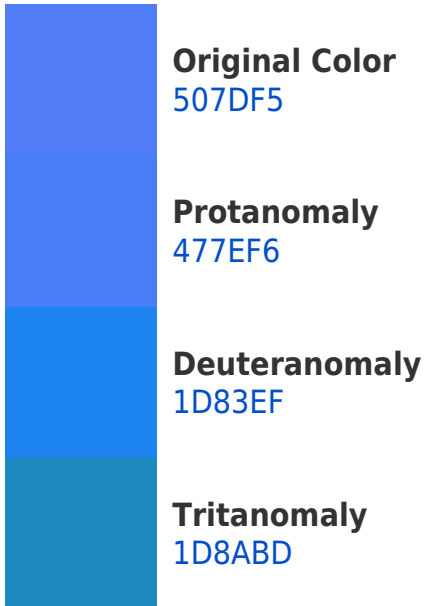
## Dichromacy



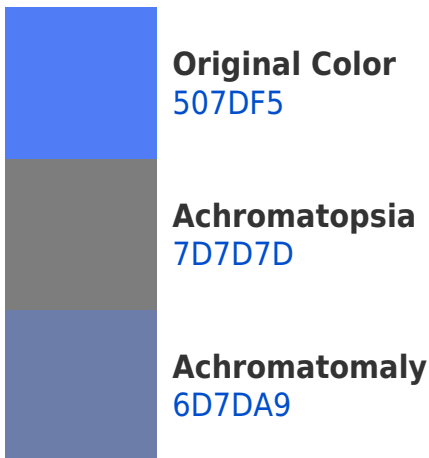


**Tritanopia**  
00919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 507DF5 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 #507DF5 looks like.

```
.text, #text, p{  
    color:#507DF5  
}
```

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 #507DF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507DF5
}
```

## Border

The CSS property to change the border of an element to Hex 507DF5 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
#507DF5 }
```

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

```
.border{ border-color:#507DF5 }
```

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

Here you see how a box with a 4 pixel #507DF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507DF5; -webkit-box-shadow:4px 4px  
4px 4px #507DF5; box-shadow:4px 4px 4px  
4px #507DF5 }
```

# Background

The CSS property to change the background color of an element to Hex 507DF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507DF5 }
```

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

```
.background{ background-color:#507DF5 }
```

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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