

# Converting Colors

Decimal(5537479)

Have a look what the booklet for  
Decimal(5537479) contains.

<b>Decimal(5537479)</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

**Decimal(5537479)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	547EC7
RGB	84, 126, 199
RGB Percent	33%, 49%, 78%
CMY	0.6706, 0.5059, 0.2196
CMYK	0.58, 0.37, 0.00, 0.22
HSL	218°, 51%, 55%
HSV	218°, 58%, 78%
XYZ	21.4258, 20.9300, 56.9435
YIQ	121.7640, -48.4650, 13.7990

# Conversions

## Conversions Part 2

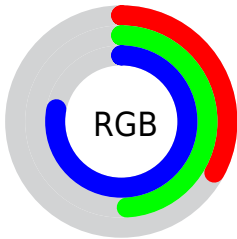
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 115, 199
Decimal	5537479
CIE Lab	52.87, 7.43, -42.39
CIE LCh	53, 43.036, 279.948
Yxy	20.9300, 0.2158, 0.2108
Android (android.graphics.Color)	4283727559 (0xFF547EC7)
YUV	121.7640, 38.0773, -33.1190
Hunter-Lab	45.7494, 3.5356, -41.7727

# Details

The Decimal color **5537479** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **13081940**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **9286399**, and **609937** is the 20% darker color. If you saturate the color by 10%, you get **4223431**, and if you desaturate by 10%, it is **6851527**.

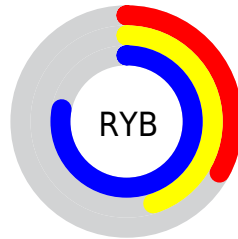
# Distribution



Red (33%)

Green (49%)

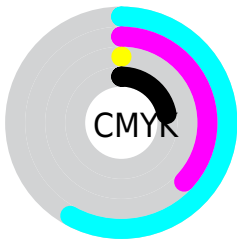
Blue (78%)



Red (33%)

Yellow (45%)

Blue (78%)

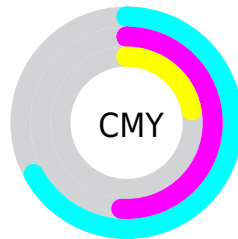


Cyan (58%)

Magenta (37%)

Yellow (0%)

Black (22%)



Cyan (67%)

Magenta (51%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5537479 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 Decimal color 5537479 by changing the saturation by 10% instead.



■ 5537479

■ 5537479

16777215

■ 3499435

■ 9286399

■ 609937

■ 11194111

■ 14199

■ 13101823

■ 9053

■ 15073279

■ 3141

■ 1070

■ 281

■ 0

■ 5537479

■ 5537479

■ 4223431

■ 6851527

■ 2909639

■ 8165319

■ 1595591

■ 9479367

■ 281543

■ 10793415

■ 18887

■ 12107207

■ 13355719

■ 14669511

■ 15983559

■ 16773319

# Harmonies

## Analogous

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



35267



5537479



9531575

# Triad

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



5537479



12412497



2396004

# Complementary

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



5537479



13081940

# 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.



6326851



5537479



11039544

# Square

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



5537479



12803699



8945714



37258

# Rectangle

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



5537479



11298468



8945714



4034136



# Sweetspot

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



5537479



13951999



5556125



6713216



0



8421504



# Same Dimension

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



5537479



5214207



6509767



5922147



15523



3364



# Inverse Universe

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



13063294



16732047



12109652



6511197



10682428

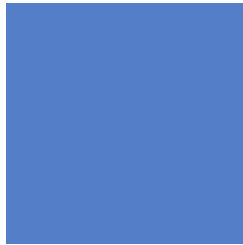


2359309



# Previews

## White Background



This preview shows how the Decimal color 5537479 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 Decimal color 5537479 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

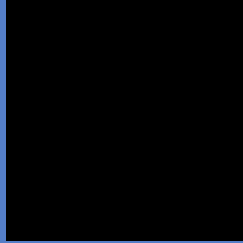
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5537479 Background



This preview shows how black text looks on a background with the Decimal color 5537479.

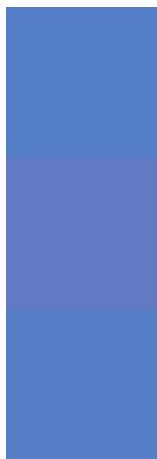


This preview shows how white text looks on a background with the Decimal color 5537479.

# 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



**Original Color**  
5537479

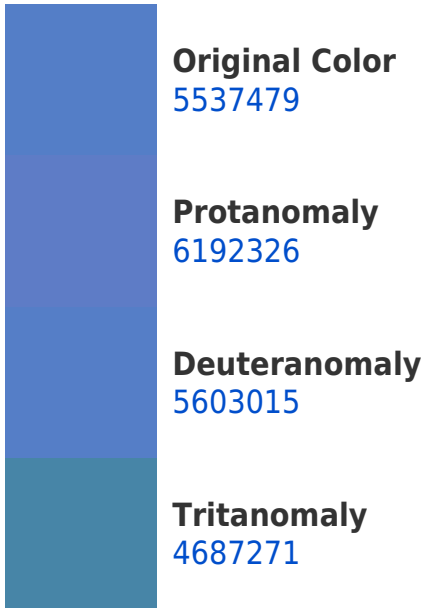
**Protanopia**  
6519749

**Deuteranopia**  
5603015

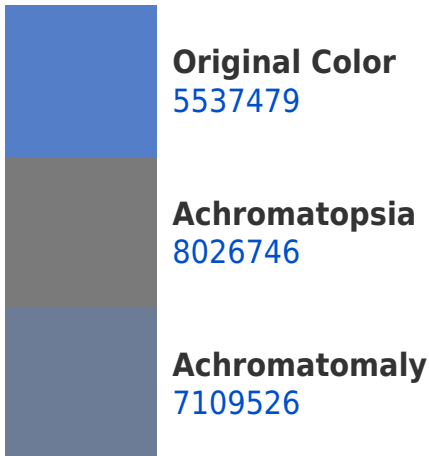


**Tritanopia**  
4163988

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5537479 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 #547EC7 looks like.

```
.text, #text, p{  
    color:#547EC7  
}
```

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 #547EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547EC7
}
```

## Border

The CSS property to change the border of an element to Decimal 5537479 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
#547EC7 }
```

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

```
.border{ border-color:#547EC7 }
```

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

Here you see how a box with a 4 pixel #547EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547EC7; -webkit-box-shadow:4px 4px  
4px 4px #547EC7; box-shadow:4px 4px 4px  
4px #547EC7 }
```

# Background

The CSS property to change the background color of an element to Decimal 5537479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547EC7 }
```

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

```
.background{ background-color:#547EC7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor