

# Converting Colors

Decimal(5535677)

Have a look what the booklet for  
Decimal(5535677) contains.

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# Color

**Decimal(5535677)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5477BD
RGB	84, 119, 189
RGB Percent	33%, 47%, 74%
CMY	0.6706, 0.5333, 0.2588
CMYK	0.56, 0.37, 0.00, 0.26
HSL	220°, 44%, 54%
HSV	220°, 56%, 74%
XYZ	19.4383, 18.7526, 50.7392
YIQ	116.5150, -43.3300, 14.3500

# Conversions

## Conversions Part 2

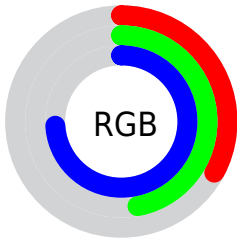
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 110, 189
Decimal	5535677
CIE Lab	50.40, 8.39, -40.58
CIE LCh	50, 41.439, 281.685
Yxy	18.7526, 0.2186, 0.2109
Android (android.graphics.Color)	4283725757 (0xFF5477BD)
YUV	116.5150, 35.7351, -28.5157
Hunter-Lab	43.3043, 4.3421, -39.1566

# Details

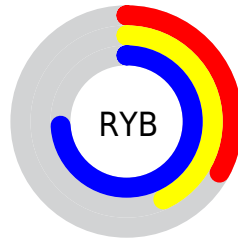
The Decimal color **5535677** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **12425812**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **9219062**, and **1132423** is the 20% darker color. If you saturate the color by 10%, you get **4287165**, and if you desaturate by 10%, it is **6784189**.

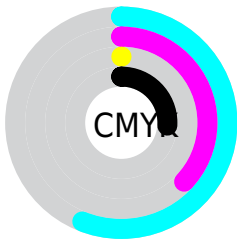
# Distribution



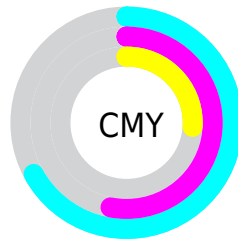
- Red (33%)
- Green (47%)
- Blue (74%)



- Red (33%)
- Yellow (43%)
- Blue (74%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (53%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5535677 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 5535677 by changing the saturation by 10% instead.



■ 5535677

■ 5535677

16777215

■ 3628706

■ 9219062

■ 1132423

■ 11126527

■ 12653

■ 12968703

■ 7509

■ 14942207

■ 317

■ 806

■ 272

■ 0

■ 5535677

■ 5535677

■ 4287165

■ 6784189

■ 3038909

■ 8032445

■ 1790397

■ 9280957

■ 542141

■ 10529213

■ 16317

■ 11777725

■ 12960701

■ 14208957

■ 15457469

■ 16705725

# Harmonies

## Analogous

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



33466



5535677



9202093

# Triad

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



5535677



11755851



1869921

# Complementary

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



5535677



12425812

# 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.



5800769



5535677



10382900

# Square

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



5535677



12212843



8354351



35461

# Rectangle

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



5535677



10838170



8354351



3639125



# Sweetspot

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



5535677



13359605



5553562



6449786



16448250



8026746



# Same Dimension

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



5535677



5343221



6640829



5593182



13726



2591



# Inverse Universe

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



12407927



16077191



11255124



6182232



10354741

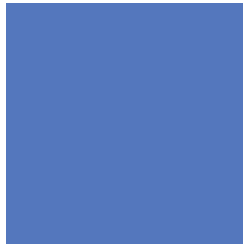


2031626



# Previews

## White Background



This preview shows how the Decimal color 5535677 looks on a white background.

## Color Contrast Check

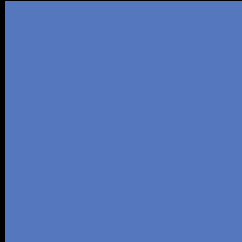
Large Text (above 18pt) WCAG AA ✓ Pass

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 5535677 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

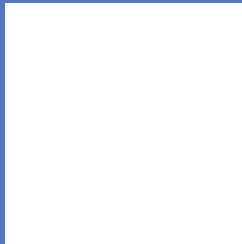
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5535677 Background



This preview shows how black text looks on a background with the Decimal color 5535677.

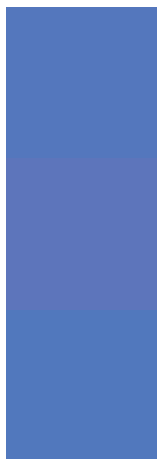


This preview shows how white text looks on a background with the Decimal color 5535677.

# 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**  
5535677

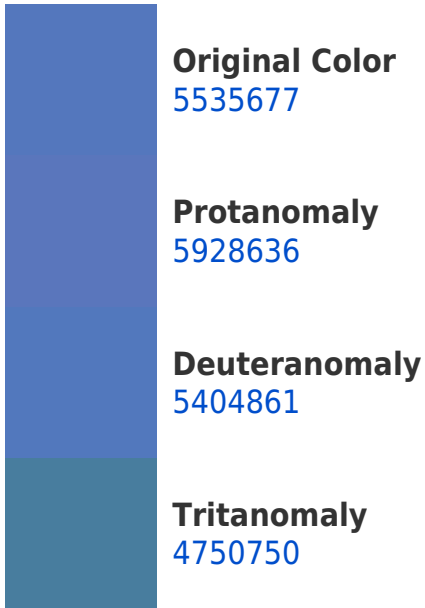
**Protanopia**  
6124987

**Deuteranopia**  
5339325



**Tritanopia**  
4293004

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5535677 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 #5477BD looks like.

```
.text, #text, p{  
    color:#5477BD  
}
```

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 #5477BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5477BD
}
```

## Border

The CSS property to change the border of an element to Decimal 5535677 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".

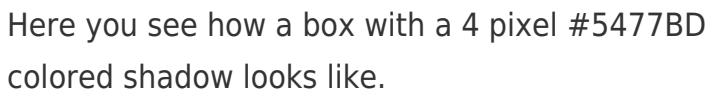
```
.border, #border, table{ border:4px solid
#5477BD }
```

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

```
.border{ border-color:#5477BD }
```

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

Here you see how a box with a 4 pixel #5477BD colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5477BD; -webkit-box-shadow:4px 4px  
4px 4px #5477BD; box-shadow:4px 4px 4px  
4px #5477BD }
```

# Background

The CSS property to change the background color of an element to Decimal 5535677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5477BD }
```

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

```
.background{ background-color:#5477BD }
```

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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