

# Converting Colors

Decimal(5527219)

Have a look what the booklet for  
Decimal(5527219) contains.

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# Color

**Decimal(5527219)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5456B3
RGB	84, 86, 179
RGB Percent	33%, 34%, 70%
CMY	0.6706, 0.6627, 0.2980
CMYK	0.53, 0.52, 0.00, 0.30
HSL	239°, 38%, 52%
HSV	239°, 53%, 70%
XYZ	15.1206, 11.7951, 44.1276
YIQ	96.0040, -31.0450, 28.4990

# Conversions

## Conversions Part 2

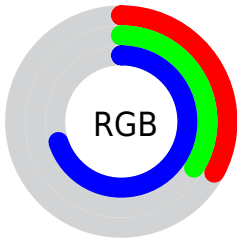
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 86, 179
Decimal	5527219
CIE <sub>Lab</sub>	40.89, 25.71, -49.92
CIE <sub>LCh</sub>	41, 56.156, 297.253
Yxy	11.7951, 0.2128, 0.1660
Android (android.graphics.Color)	4283717299 (0xFF5456B3)
<b>YUV</b>	96.0040, 40.9170, -10.5275
Hunter-Lab	34.3439, 18.4864, -52.1393

# Details

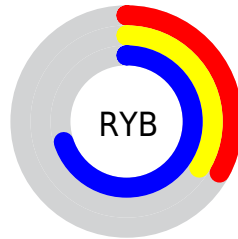
The Decimal color **5527219** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11776340**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **9210091**, and **1255805** is the 20% darker color. If you saturate the color by 10%, you get **4342963**, and if you desaturate by 10%, it is **6711475**.

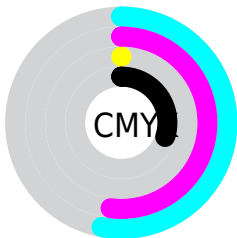
# Distribution



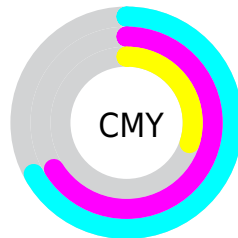
- Red (33%)
- Green (34%)
- Blue (70%)



- Red (33%)
- Yellow (34%)
- Blue (70%)



- Cyan (53%)
- Magenta (52%)
- Yellow (0%)
- Black (30%)



- Cyan (67%)
- Magenta (66%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5527219 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 5527219 by changing the saturation by 10% instead.



■ 5527219

■ 5527219

16777215

■ 3620760

■ 9210091

■ 1255805

■ 11051775

■ 5476

■ 12959231

■ 75

■ 14866943

■ 1076

■ 16774655

■ 542

■ 0

■ 5527219

■ 5527219

■ 4342963

■ 6711475

■ 3158963

■ 7895475

■ 1974707

■ 9079731

■ 790707

■ 10263731

■ 1203

■ 11447987

■ 12566451

■ 13750707

■ 14934707

■ 16118963

# Harmonies

## Analogous

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



26557



5527219



9650067

# Triad

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



5527219



10177036



30043

# Complementary

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



5527219



11776340

# 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.



28971



5527219



7888128

# Square

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



5527219



11482169



5007872



30089

# Rectangle

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



5527219



11022454



5007872



29770



# Sweetspot

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



5527219



12829928



5551024



6250357



16119285



7697781



# Same Dimension

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



5527219



5527528



8410291



5263705



921



282



# Inverse Universe

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



11752534



15225943



8893268



5853265



10027011



1703937



# Previews

## White Background



This preview shows how the Decimal color 5527219 looks on a white 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

# Black Background



This preview shows how the Decimal color 5527219 looks on a black 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

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



## Decimal 5527219 Background



This preview shows how black text looks on a background with the Decimal color 5527219.



This preview shows how white text looks on a background with the Decimal color 5527219.

# 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](#).

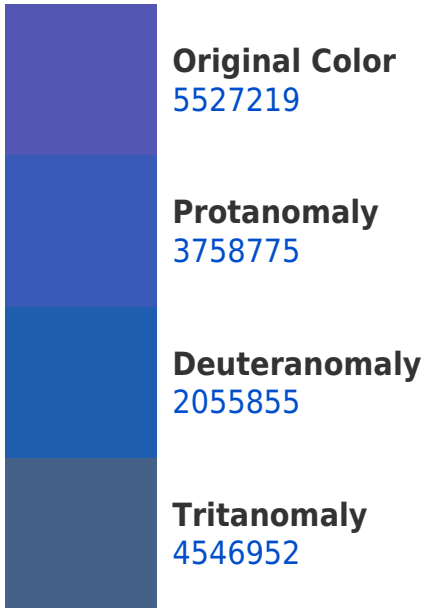
## Dichromacy





**Tritanopia**  
4024175

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5527219 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 #5456B3 looks like.

```
.text, #text, p{  
  color:#5456B3  
}
```

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 #5456B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5456B3
}
```

## Border

The CSS property to change the border of an element to Decimal 5527219 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".

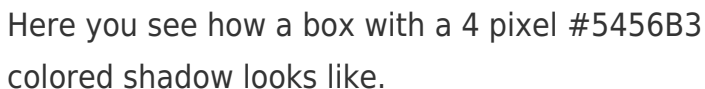
```
.border, #border, table{ border:4px solid
#5456B3 }
```

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

```
.border{ border-color:#5456B3 }
```

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

Here you see how a box with a 4 pixel #5456B3 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 #5456B3; -webkit-box-shadow:4px 4px  
4px 4px #5456B3; box-shadow:4px 4px 4px  
4px #5456B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 5527219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5456B3 }
```

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

```
.background{ background-color:#5456B3 }
```

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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