

# Converting Colors

Decimal(5536213)

Have a look what the booklet for  
Decimal(5536213) contains.

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# Color

**Decimal(5536213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5479D5
RGB	84, 121, 213
RGB Percent	33%, 47%, 84%
CMY	0.6706, 0.5255, 0.1647
CMYK	0.61, 0.43, 0.00, 0.16
HSL	223°, 61%, 58%
HSV	223°, 61%, 84%
XYZ	22.5038, 20.3637, 65.6953
YIQ	120.4250, -51.5840, 20.7680

# Conversions

## Conversions Part 2

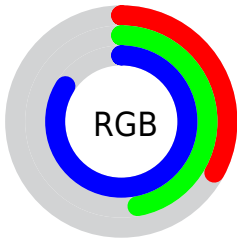
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 113, 213
Decimal	5536213
CIE <sub>Lab</sub>	52.25, 15.16, -51.34
CIE <sub>LCh</sub>	52, 53.526, 286.450
Yxy	20.3637, 0.2073, 0.1876
Android (android.graphics.Color)	4283726293 (0xFF5479D5)
YUV	120.4250, 45.6395, -31.9447
Hunter-Lab	45.1261, 10.0448, -54.7270

# Details

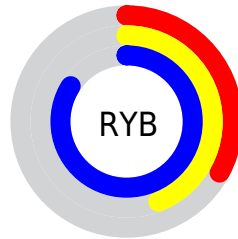
The Decimal color **5536213** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **14004308**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **9416191**, and **18846** is the 20% darker color. If you saturate the color by 10%, you get **4156117**, and if you desaturate by 10%, it is **6916309**.

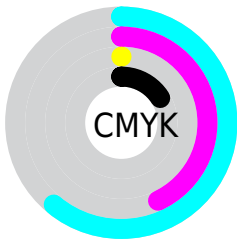
# Distribution



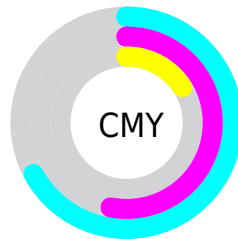
- Red (33%)
- Green (47%)
- Blue (84%)



- Red (33%)
- Yellow (44%)
- Blue (84%)



- Cyan (61%)
- Magenta (43%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (53%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5536213 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 5536213 by changing the saturation by 10% instead.



■ 5536213

■ 5536213

16777215

■ 3367097

■ 9416191

■ 18846

■ 11389183

■ 13187

■ 13296895

■ 8041

■ 15269887

■ 1873

■ 1337

■ 546

■ 8

■ 0

■ 5536213

■ 5536213

■ 4156117

■ 6916309

■ 2710485

■ 8361941

■ 1330133

■ 9742293

■ 15829

■ 11122389

■ 12568021

■ 13948117

■ 15328213

■ 16708565

■ 16777173

# Harmonies

## Analogous

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



35030



5536213



10446268

# Triad

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



5536213



12804155



37222

# Complementary

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



5536213



14004308

# 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.



4623417



5536213



10842908

# Square

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



5536213



13652581



8159769



37781

# Rectangle

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



5536213



12343714



8159769



36950



# Sweetspot

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



5536213



13754111



5559726



6515584



0



8421504



# Same Dimension

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



5536213



4553471



7230677



6316907



12715



3115



# Inverse Universe

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



13980793



16729466



12309844



7037027



11206705



2818060



# Previews

## White Background



This preview shows how the Decimal color 5536213 looks on a white background.

## Color Contrast Check

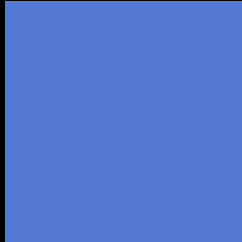
Large Text (above 18pt) WCAG AA ✓ Pass

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 5536213 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

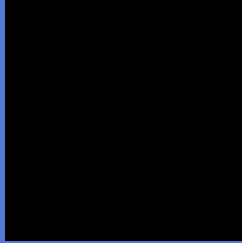
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5536213 Background



This preview shows how black text looks on a background with the Decimal color 5536213.



This preview shows how white text looks on a background with the Decimal color 5536213.

# 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**  
3508371

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5536213 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 #5479D5 looks like.

```
.text, #text, p{  
    color:#5479D5  
}
```

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 #5479D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5479D5  
}
```

## Border

The CSS property to change the border of an element to Decimal 5536213 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  
#5479D5 }
```

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

```
.border{ border-color:#5479D5 }
```

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

Here you see how a box with a 4 pixel #5479D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5479D5; -webkit-box-shadow:4px 4px  
4px 4px #5479D5; box-shadow:4px 4px 4px  
4px #5479D5 }
```

# Background

The CSS property to change the background color of an element to Decimal 5536213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5479D5 }
```

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

```
.background{ background-color:#5479D5 }
```

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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