

# Converting Colors

Decimal(5510581)

Have a look what the booklet for  
Decimal(5510581) contains.

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**Color**

**Decimal(5510581)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5415B5
RGB	84, 21, 181
RGB Percent	33%, 8%, 71%
CMY	0.6706, 0.9176, 0.2902
CMYK	0.54, 0.88, 0.00, 0.29
HSL	264°, 79%, 40%
HSV	264°, 88%, 71%
XYZ	12.2648, 5.7573, 44.1809
YIQ	58.0770, -13.8120, 63.1160

# Conversions

## Conversions Part 2

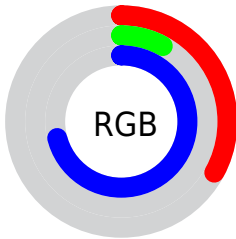
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 21, 181
Decimal	5510581
CIE Lab	28.79, 59.60, -70.84
CIE LCh	29, 92.573, 310.074
Yxy	5.7573, 0.1972, 0.0926
Android (android.graphics.Color)	4283700661 (0xFF5415B5)
YUV	58.0770, 60.6010, 22.7345
Hunter-Lab	23.9945, 49.2503, -92.3743

# Details

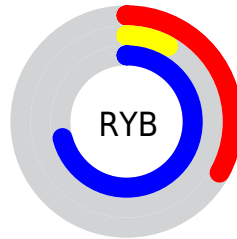
The Decimal color **5510581** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **7779605**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **9457134**, and **127** is the 20% darker color. If you saturate the color by 10%, you get **4785077**, and if you desaturate by 10%, it is **6236085**.

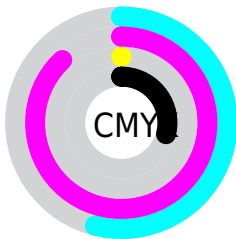
# Distribution



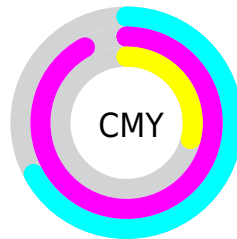
- Red (33%)
- Green (8%)
- Blue (71%)



- Red (33%)
- Yellow (8%)
- Blue (71%)



- Cyan (54%)
- Magenta (88%)
- Yellow (0%)
- Black (29%)



- Cyan (67%)
- Magenta (92%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5510581 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 5510581 by changing the saturation by 10% instead.



■ 5510581

■ 5510581

16777215

■ 3342489

■ 9457134

■ 127

■ 11364607

■ 101

■ 13337343

■ 76

■ 15310591

■ 1076

■ 16759551

■ 542

■ 16766719

■ 0

■ 16774143

■ 5510581

■ 5510581

■ 4785077

■ 6236085

■ 4653237

■ 6961589

■ 7687093

■ 8412597

■ 9138357

■ 9863861

■ 10589365

■ 11314869

■ 12040373

# Harmonies

## Analogous

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



18903



5510581



10682486

# Triad

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



5510581



7940864



23388

# Complementary

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



5510581



7779605

# 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.



22792



5510581



4081920

# Square

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



5510581



10682368



21760



23969

# Rectangle

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



5510581



11796552



21760



23106



# Sweetspot

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



5510581



12889067



1407157



6246517



16119285



7697781



# Same Dimension

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



5510581



6029547



10622389



5525593



3932313



655386



# Inverse Universe

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



11867510



15401102



2667797



5853270



10027101

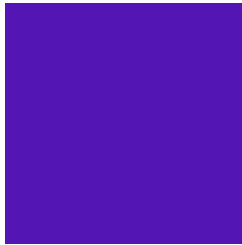


1703951



# Previews

## White Background



This preview shows how the Decimal color 5510581 looks on a white background.

## Color Contrast Check

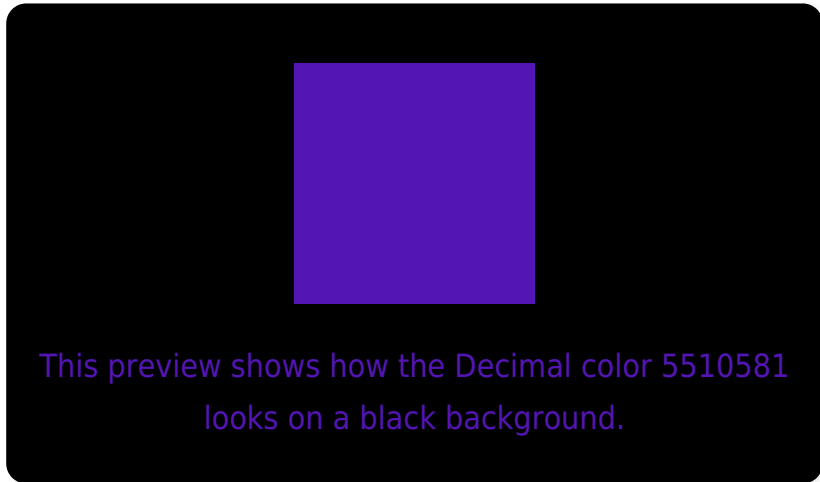
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

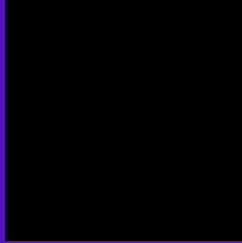
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5510581 Background



This preview shows how black text looks on a background with the Decimal color 5510581.

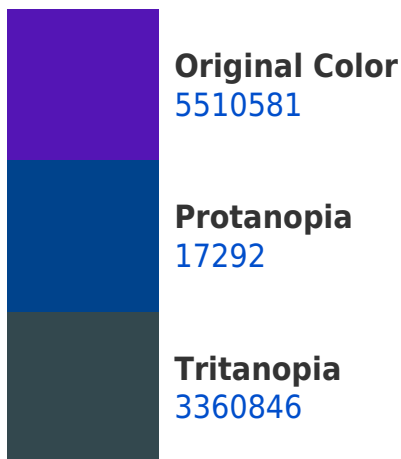


This preview shows how white text looks on a background with the Decimal color 5510581.

# 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



# Trichromacy



**Original Color**  
5510581

**Protanomaly**  
2044571

**Tritanomaly**  
4142451

# Monochromacy



**Original Color**  
5510581

**Achromatopsia**  
3815994

**Achromatomaly**  
4402535

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5510581 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 #5415B5 looks like.

```
.text, #text, p{  
    color:#5415B5  
}
```

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 #5415B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5415B5
}
```

## Border

The CSS property to change the border of an element to Decimal 5510581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

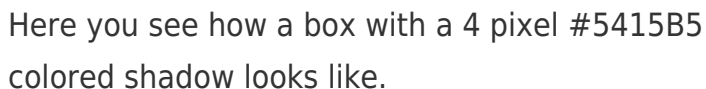
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5415B5 }
```

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

```
.border{ border-color:#5415B5 }
```

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



Here you see how a box with a 4 pixel #5415B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5415B5; -webkit-box-shadow:4px 4px  
4px 4px #5415B5; box-shadow:4px 4px 4px  
4px #5415B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 5510581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5415B5 }
```

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

```
.background{ background-color:#5415B5 }
```

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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