

# Converting Colors

Decimal(5516418)

Have a look what the booklet for  
Decimal(5516418) contains.

<b>Decimal(5516418)</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(5516418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	542C82
RGB	84, 44, 130
RGB Percent	33%, 17%, 51%
CMY	0.6706, 0.8275, 0.4902
CMYK	0.35, 0.66, 0.00, 0.49
HSL	268°, 49%, 34%
HSV	268°, 66%, 51%
XYZ	8.5861, 5.2979, 21.6891
YIQ	65.7640, -3.7660, 35.2260

# Conversions

## Conversions Part 2

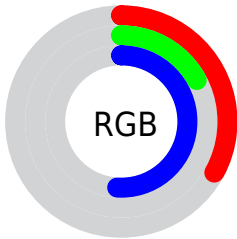
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 44, 130
Decimal	5516418
CIE <sub>Lab</sub>	27.57, 36.56, -41.69
CIE <sub>LCh</sub>	28, 55.448, 311.249
Yxy	5.2979, 0.2414, 0.1489
Android (android.graphics.Color)	4283706498 (0xFF542C82)
YUV	65.7640, 31.6683, 15.9930
Hunter-Lab	23.0171, 26.3060, -39.7572

# Details

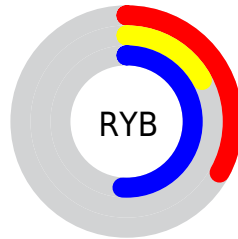
The Decimal color **5516418** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5931564**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **9002168**, and **2097232** is the 20% darker color. If you saturate the color by 10%, you get **5054338**, and if you desaturate by 10%, it is **5978498**.

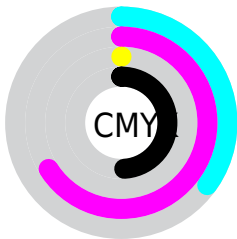
# Distribution



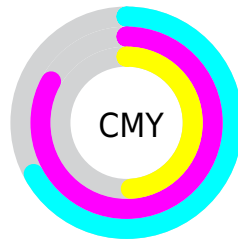
- Red (33%)
- Green (17%)
- Blue (51%)



- Red (33%)
- Yellow (17%)
- Blue (51%)



- Cyan (35%)
- Magenta (66%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (83%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5516418 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 5516418 by changing the saturation by 10% instead.



■ 5516418

■ 5516418

16777215

■ 3806312

■ 9002168

■ 2097232

■ 10778324

■ 393272

■ 12620016

■ 546

■ 14527487

■ 7

■ 16434943

■ 0

■ 16769791

■ 5516418

■ 5516418

■ 5054338

■ 5978498

■ 4592258

■ 6440578

■ 4130178

■ 6902658

■ 3932290

■ 7364738

■ 7826818

■ 8288898

■ 8750978

■ 9213058

■ 9675138

# Harmonies

## Analogous

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



17046



5516418



8193629

# Triad

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



5516418



6698240



21329

# Complementary

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



5516418



5931564

# 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.



20772



5516418



4342784

# Square

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



5516418



8329992



412928



21113

# Rectangle

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



5516418



8912961



412928



21058



# Sweetspot

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



5516418



9865128



2907010



4800596



13948116



5526612



# Same Dimension

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



5516418



6366120



8268930



3946816



3866752



0



# Inverse Universe

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



8531034



11019114



3179052



4208957



8388676

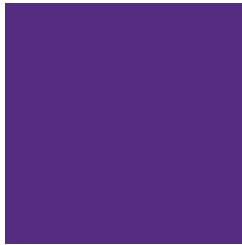


0



# Previews

## White Background



This preview shows how the Decimal color 5516418 looks on a white background.

## Color Contrast Check

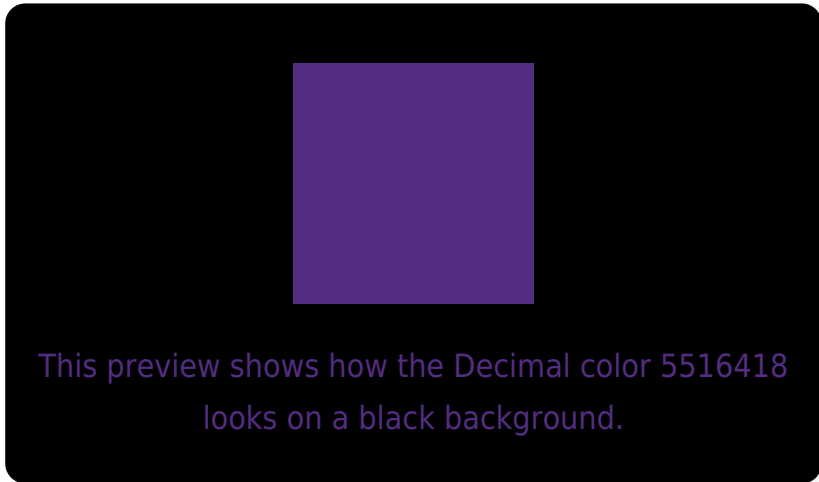
Large Text (above 18pt) WCAG AA ✓ Pass

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

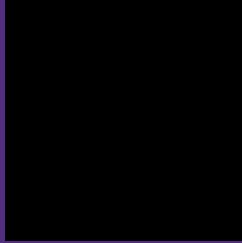
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5516418 Background



This preview shows how black text looks on a background with the Decimal color 5516418.



This preview shows how white text looks on a background with the Decimal color 5516418.

# 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**  
5516418

**Protanopia**  
16262

**Deuteranopia**  
17269



**Tritanopia**  
4734788

# Trichromacy



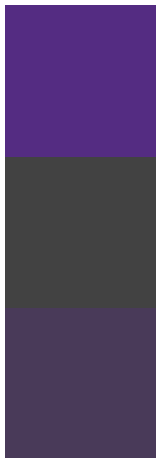
**Original Color**  
5516418

**Protanomaly**  
2046085

**Deuteranomaly**  
2046842

**Tritanomaly**  
4995163

# Monochromacy



**Original Color**  
5516418

**Achromatopsia**  
4342338

**Achromatomaly**  
4799065

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5516418 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 #542C82 looks like.

```
.text, #text, p{  
    color:#542C82  
}
```

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 #542C82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #542C82
}
```

## Border

The CSS property to change the border of an element to Decimal 5516418 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
#542C82 }
```

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

```
.border{ border-color:#542C82 }
```

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

Here you see how a box with a 4 pixel #542C82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #542C82; -webkit-box-shadow:4px 4px  
4px 4px #542C82; box-shadow:4px 4px 4px  
4px #542C82 }
```

# Background

The CSS property to change the background color of an element to Decimal 5516418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#542C82 }
```

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

```
.background{ background-color:#542C82 }
```

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