

# Converting Colors

Decimal(5476608)

Have a look what the booklet for  
Decimal(5476608) contains.

<b>Decimal(5476608)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(5476608)**

# Conversions

## Conversions Part 1

Format	Color
Hex	539100
RGB	83, 145, 0
RGB Percent	33%, 57%, 0%
CMY	0.6745, 0.4314, 1.0000
CMYK	0.43, 0.00, 1.00, 0.43
HSL	86°, 100%, 28%
HSV	86°, 100%, 57%
XYZ	13.6927, 22.0898, 3.5421
YIQ	109.9320, 9.5930, -58.2390

# Conversions

## Conversions Part 2

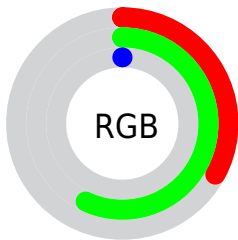
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 145, 62
Decimal	5476608
CIELab	54.12, -40.14, 57.05
CIELCh	54, 69.759, 125.127
Yxy	22.0898, 0.3482, 0.5617
Android (android.graphics.Color)	4283666688 (0xFF539100)
YUV	109.9320, -54.1965, -23.6194
Hunter-Lab	46.9998, -30.2463, 28.4315

# Details

The Decimal color **5476608** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4063377**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **9094981**, and **1662464** is the 20% darker color. If you saturate the color by 10%, you get **5476608**, and if you desaturate by 10%, it is **5869838**.

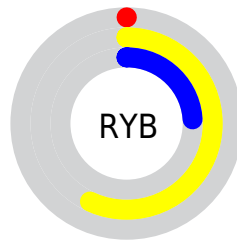
# Distribution



Red (33%)

Green (57%)

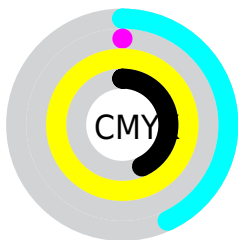
Blue (0%)



Red (0%)

Yellow (57%)

Blue (24%)

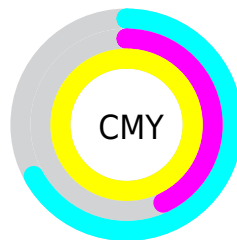


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (67%)

Magenta (43%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5476608 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 5476608 by changing the saturation by 10% instead.




 5476608	 5476608
 16777215	 3634944
 9094981	 1662464
 11002976	 17664
 12844923	 12032
 14745494	 5888
 16711602	 0
 16777166	
 16777195	
 5476608	

 5869838

 6263069

 6721836

 7115066

 7508297

 7901527

 8294758

 8753524

 9146755

# Harmonies

## Analogous

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



9667072



5476608



39243

# Triad

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



5476608



38383



15350650

# Complementary

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



5476608



4063377

# 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.



13651381



5476608



34554

# Square

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



5476608



39878



9268453



14896703

# Rectangle

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



5476608



39797



9268453



15089038



# Sweetspot

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



5476608



10796420



9518080



5267004



14606046



6184542



# Same Dimension

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



5476608



7126272



823552



4474688



5080832



264192



# Inverse Universe

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



4063377



5308605



8716433



4407367



3801223



196616



# Previews

## White Background



This preview shows how the Decimal color 5476608 looks on a white background.

## Color Contrast Check

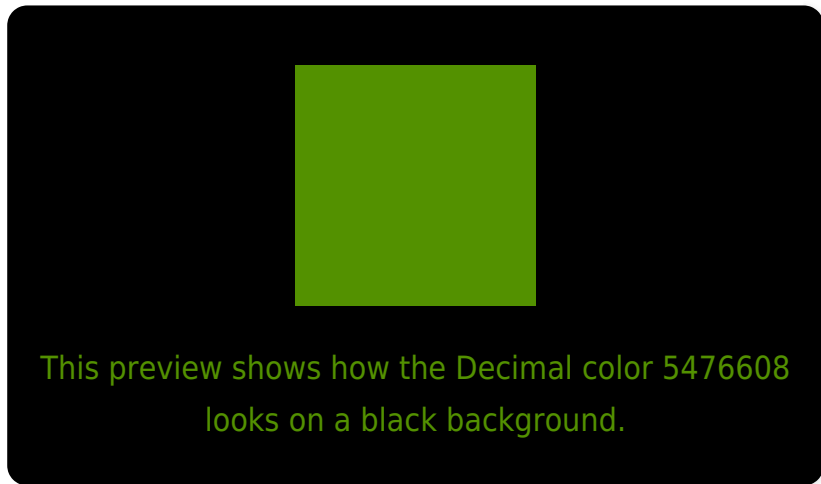
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 5476608 Background



This preview shows how black text looks on a background with the Decimal color 5476608.



This preview shows how white text looks on a background with the Decimal color 5476608.

# 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**  
6588306

# Trichromacy



**Original Color**  
5476608

**Protanomaly**  
8029952

**Deuteranomaly**  
8749586

**Tritanomaly**  
6196061

# Monochromacy



**Original Color**  
5476608

**Achromatopsia**  
7237230

**Achromatomaly**  
6585158

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5476608 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 #539100 looks like.

```
.text, #text, p{  
    color:#539100  
}
```

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 #539100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #539100
}
```

## Border

The CSS property to change the border of an element to Decimal 5476608 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
#539100 }
```

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

```
.border{ border-color:#539100 }
```

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

Here you see how a box with a 4 pixel #539100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #539100; -webkit-box-shadow:4px 4px  
4px 4px #539100; box-shadow:4px 4px 4px  
4px #539100 }
```

# Background

The CSS property to change the background color of an element to Decimal 5476608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#539100 }
```

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

```
.background{ background-color:#539100 }
```

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