

# Converting Colors

Decimal(5275752)

Have a look what the booklet for  
Decimal(5275752) contains.

<b>Decimal(5275752)</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(5275752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	508068
RGB	80, 128, 104
RGB Percent	31%, 50%, 41%
CMY	0.6863, 0.4980, 0.5922
CMYK	0.38, 0.00, 0.19, 0.50
HSL	150°, 23%, 41%
HSV	150°, 38%, 50%
XYZ	13.5261, 18.1433, 15.8858
YIQ	110.9120, -20.9040, -17.6400

# Conversions

## Conversions Part 2

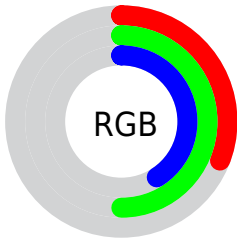
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 112, 128
Decimal	5275752
CIE <sub>Lab</sub>	49.67, -22.01, 7.93
CIE <sub>LCh</sub>	50, 23.400, 160.178
Yxy	18.1433, 0.2844, 0.3815
Android (android.graphics.Color)	4283465832 (0xFF508068)
YUV	110.9120, -3.4076, -27.1098
Hunter-Lab	42.5949, -17.8580, 7.7042

# Details

The Decimal color **5275752** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8409192**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **8631707**, and **2051641** is the 20% darker color. If you saturate the color by 10%, you get **4423778**, and if you desaturate by 10%, it is **6127726**.

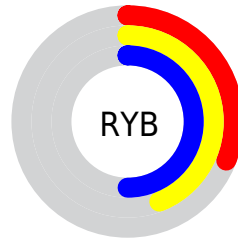
# Distribution



Red (31%)

Green (50%)

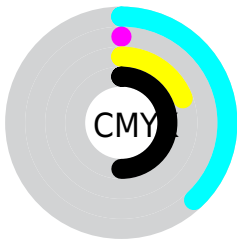
Blue (41%)



Red (31%)

Yellow (44%)

Blue (50%)

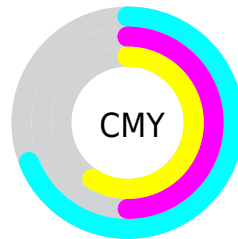


Cyan (38%)

Magenta (0%)

Yellow (19%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5275752 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 5275752 by changing the saturation by 10% instead.





5275752



5275752

16777215



3630928



8631707



2051641



10408374



276259



12185042



8718



14024686



0



15925247



5275752



5275752



4423778



6127726



3571803



6979701

■ 2785365

■ 7766139

■ 1933390

■ 8618114

■ 1081416

■ 9470088

■ 229442

■ 10322062

■ 32832

■ 11174037

■ 11960475

■ 12812450

# Harmonies

## Analogous

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



6782295



5275752



3965308

# Triad

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



5275752



6715037



10185309

# Complementary

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



5275752



8409192

# 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.



10381168



5275752



8482709

# Square

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



5275752



4816027



9791876



9400401

# Rectangle

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



5275752



3506313



9791876



10316131



# Sweetspot

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



5275752



9741981



6848592



4805711



13948116



5526612



# Same Dimension

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



5275752



6006400



5275776



3751997



32832



0



# Inverse Universe

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



8409192



10902400



8409168



4208957



8388672



0



# Previews

## White Background



This preview shows how the Decimal color 5275752 looks on a white background.

## Color Contrast Check

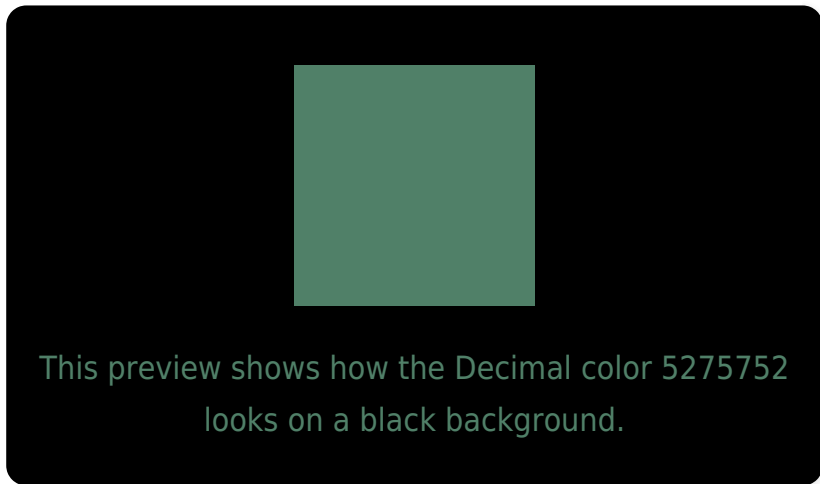
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

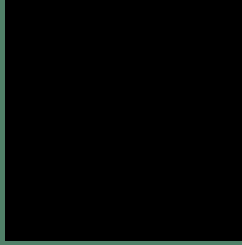
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5275752 Background



This preview shows how black text looks on a background with the Decimal color 5275752.

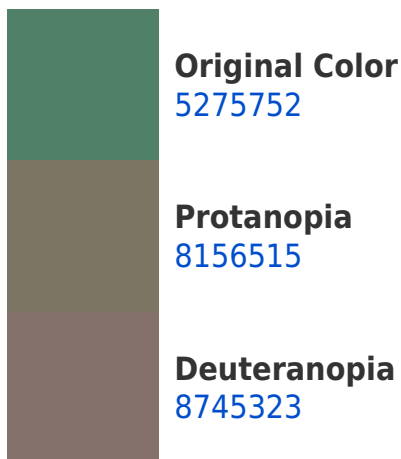



This preview shows how white text looks on a background with the Decimal color 5275752.

# 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**  
5733510

# Trichromacy



**Original Color**  
5275752

**Protanomaly**  
7108965

**Deuteranomaly**  
7501418

**Tritanomaly**  
5537147

# Monochromacy



**Original Color**  
5275752

**Achromatopsia**  
7303023

**Achromatomaly**  
6583660

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5275752 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 #508068 looks like.

```
.text, #text, p{  
    color:#508068  
}
```

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 #508068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508068
}
```

## Border

The CSS property to change the border of an element to Decimal 5275752 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
#508068 }
```

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

```
.border{ border-color:#508068 }
```

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

Here you see how a box with a 4 pixel #508068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508068; -webkit-box-shadow:4px 4px  
4px 4px #508068; box-shadow:4px 4px 4px  
4px #508068 }
```

# Background

The CSS property to change the background color of an element to Decimal 5275752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508068 }
```

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

```
.background{ background-color:#508068 }
```

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