

# Converting Colors

Decimal(5276751)

Have a look what the booklet for  
Decimal(5276751) contains.

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# Color

**Decimal(5276751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50844F
RGB	80, 132, 79
RGB Percent	31%, 52%, 31%
CMY	0.6863, 0.4824, 0.6902
CMYK	0.39, 0.00, 0.40, 0.48
HSL	119°, 25%, 41%
HSV	119°, 40%, 52%
XYZ	12.9708, 18.7725, 10.3370
YIQ	110.4100, -13.9790, -27.5070

# Conversions

## Conversions Part 2

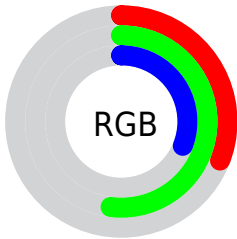
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 132, 131
Decimal	5276751
CIE <sub>Lab</sub>	50.42, -28.87, 23.28
CIE <sub>LCh</sub>	50, 37.087, 141.119
Yxy	18.7725, 0.3082, 0.4461
Android (android.graphics.Color)	4283466831 (0xFF50844F)
YUV	110.4100, -15.4851, -26.6696
Hunter-Lab	43.3273, -22.3854, 16.1838

# Details

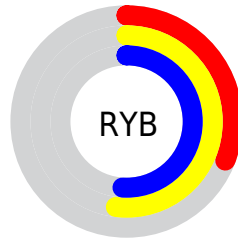
The Decimal color **5276751** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8605572**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **8698241**, and **1987105** is the 20% darker color. If you saturate the color by 10%, you get **4424770**, and if you desaturate by 10%, it is **6128732**.

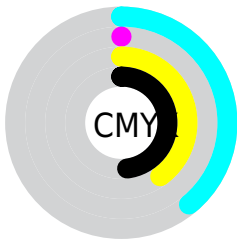
# Distribution



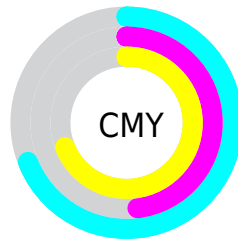
- Red (31%)
- Green (52%)
- Blue (31%)



- Red (31%)
- Yellow (52%)
- Blue (51%)



- Cyan (39%)
- Magenta (0%)
- Yellow (40%)
- Black (48%)



- Cyan (69%)
- Magenta (48%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5276751 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 5276751 by changing the saturation by 10% instead.





5276751



5276751

16777215



3631928



8698241



1987105



10409371



14859



12251830



9472



14090194



768



15990766



0



5276751



5276751



4424770



6128732



3572789



6980713

■ 2720807

■ 7832695

■ 1868826

■ 8684676

■ 1016845

■ 9536657

■ 164864

■ 10388638

■ 11240619

■ 12092601

■ 12944582

# Harmonies

## Analogous

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



7699771



5276751



1411181

# Triad

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



5276751



2653878



11820899

# Complementary

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



5276751



8605572

# 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.



11427715



5276751



7107507

# Square

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



5276751



34216



9856928



11167816

# Rectangle

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



5276751



34947



9856928



11820653



# Sweetspot

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



5276751



9939862



8684111



4937547



14079702



5723991



# Same Dimension

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



5276751



5942105



5211240



3949116



164352



768



# Inverse Universe

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



8605572



11098539



8671083



4340802



8388738



196611



# Previews

## White Background



This preview shows how the Decimal color 5276751 looks on a white background.

## Color Contrast Check

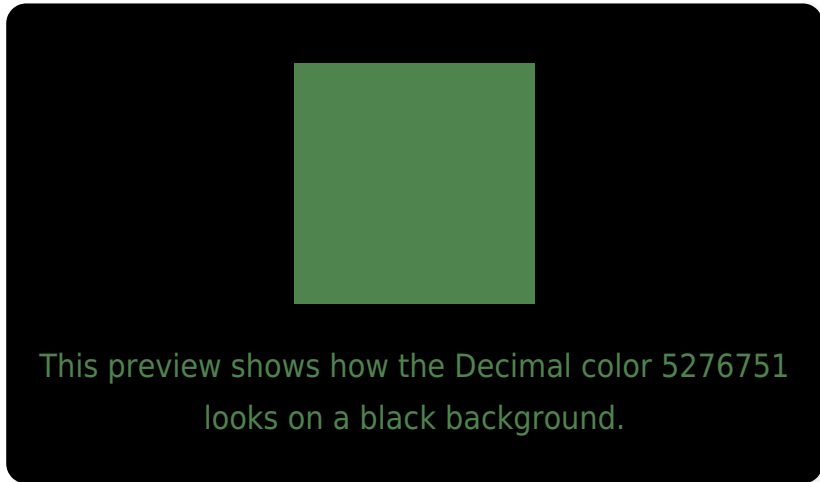
Large Text (above 18pt) WCAG AA ✓ Pass

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

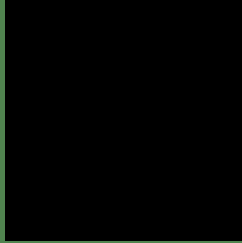
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5276751 Background



This preview shows how black text looks on a background with the Decimal color 5276751.



This preview shows how white text looks on a background with the Decimal color 5276751.

# 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**  
5276751

**Protanopia**  
8550218

**Deuteranopia**  
9335379



**Tritanopia**  
5995911

# Trichromacy



**Original Color**  
5276751

**Protanomaly**  
7371852

**Deuteranomaly**  
7829842

**Tritanomaly**  
5734515

# Monochromacy



**Original Color**  
5276751

**Achromatopsia**  
7237230

**Achromatomaly**  
6518371

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5276751 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 #50844F looks like.

```
.text, #text, p{  
    color:#50844F  
}
```

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 #50844F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50844F
}
```

## Border

The CSS property to change the border of an element to Decimal 5276751 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
#50844F }
```

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

```
.border{ border-color:#50844F }
```

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

Here you see how a box with a 4 pixel #50844F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50844F; -webkit-box-shadow:4px 4px  
4px 4px #50844F; box-shadow:4px 4px 4px  
4px #50844F }
```

# Background

The CSS property to change the background color of an element to Decimal 5276751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50844F }
```

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

```
.background{ background-color:#50844F }
```

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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