

# Converting Colors

Decimal(5338976)

Have a look what the booklet for  
Decimal(5338976) contains.

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# Color

**Decimal(5338976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	517760
RGB	81, 119, 96
RGB Percent	32%, 47%, 38%
CMY	0.6824, 0.5333, 0.6235
CMYK	0.32, 0.00, 0.19, 0.53
HSL	144°, 19%, 39%
HSV	144°, 32%, 47%
XYZ	12.1015, 15.7875, 13.4758
YIQ	105.0160, -15.2650, -15.2090

# Conversions

## Conversions Part 2

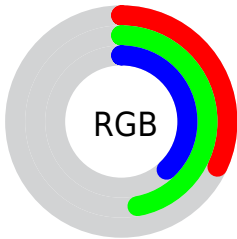
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 108, 119
Decimal	5338976
CIELab	46.69, -18.70, 8.42
CIELCh	47, 20.507, 155.744
Yxy	15.7875, 0.2926, 0.3817
Android (android.graphics.Color)	4283529056 (0xFF517760)
YUV	105.0160, -4.4449, -21.0620
Hunter-Lab	39.7335, -15.1685, 7.7050

# Details

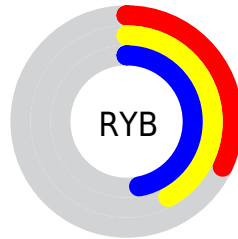
The Decimal color **5338976** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7819624**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **8629139**, and **2246194** is the 20% darker color. If you saturate the color by 10%, you get **4552537**, and if you desaturate by 10%, it is **6125415**.

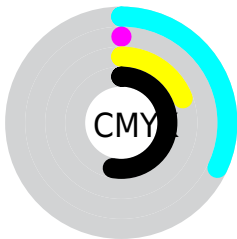
# Distribution



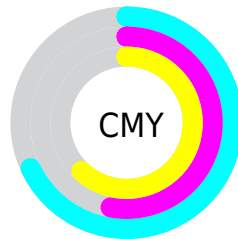
- Red (32%)
- Green (47%)
- Blue (38%)



- Red (32%)
- Yellow (42%)
- Blue (47%)



- Cyan (32%)
- Magenta (0%)
- Yellow (19%)
- Black (53%)



- Cyan (68%)
- Magenta (53%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5338976 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 5338976 by changing the saturation by 10% instead.





5338976



5338976

16777215



3759688



8629139



2246194



10405805



667677



12182472



7171



14024677



0



15925247



5338976



5338976



4552537



6125415



3766098



6911854

■ 2979658

■ 7698294

■ 2193219

■ 8484733

■ 1472316

■ 9205636

■ 685877

■ 9992075

■ 30511

■ 10778514

■ 11564954

■ 12351393

# Harmonies

## Analogous

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



6648914



5338976



4225137

# Triad

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



5338976



6188945



9462875

# Complementary

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



5338976



7819624

# 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.



9527916



5338976



7694731

# Square

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



5338976



4617358



8938621



8874320

# Rectangle

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



5338976



3831933



8938621



9528161



# Sweetspot

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



5338976



9215122



6846289



4607817



13619151



5197647



# Same Dimension

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



5338976



6331512



5338995



3488567



31280



64099



# Inverse Universe

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



7819624



10248324



7819605



3880248



7995466



16384151



# Previews

## White Background



This preview shows how the Decimal color 5338976 looks on a white background.

## Color Contrast Check

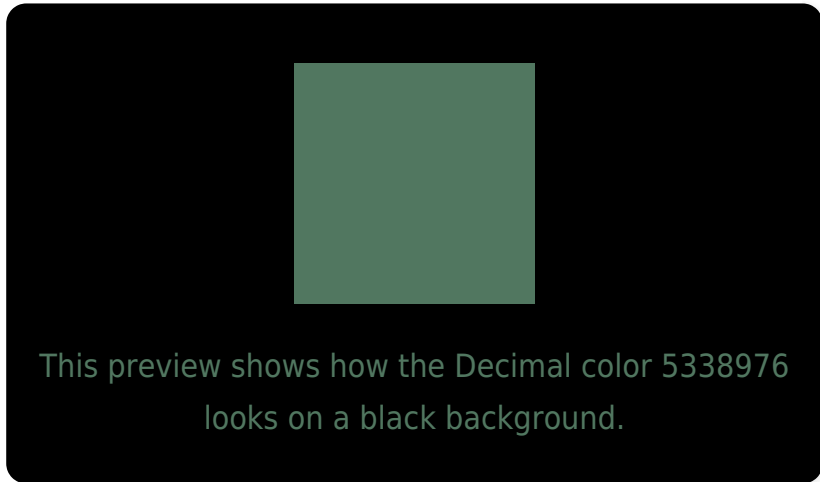
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

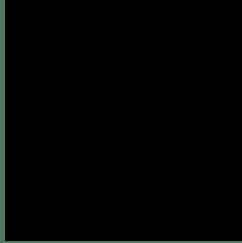
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5338976 Background



This preview shows how black text looks on a background with the Decimal color 5338976.



This preview shows how white text looks on a background with the Decimal color 5338976.

# 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**  
5338976

**Protanopia**  
7630428

**Deuteranopia**  
8219235



# Trichromacy



**Original Color**  
5338976

**Protanomaly**  
6779229

**Deuteranomaly**  
7171938

**Tritanomaly**  
5600370

# Monochromacy



**Original Color**  
5338976

**Achromatopsia**  
6908265

**Achromatomaly**  
6319718

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5338976 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 #517760 looks like.

```
.text, #text, p{  
    color:#517760  
}
```

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 #517760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517760
}
```

## Border

The CSS property to change the border of an element to Decimal 5338976 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
#517760 }
```

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

```
.border{ border-color:#517760 }
```

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

Here you see how a box with a 4 pixel #517760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517760; -webkit-box-shadow:4px 4px  
4px 4px #517760; box-shadow:4px 4px 4px  
4px #517760 }
```

# Background

The CSS property to change the background color of an element to Decimal 5338976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517760 }
```

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

```
.background{ background-color:#517760 }
```

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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