

# Converting Colors

Decimal(5267550)

Have a look what the booklet for  
Decimal(5267550) contains.

<b>Decimal(5267550)</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(5267550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50605E
RGB	80, 96, 94
RGB Percent	31%, 38%, 37%
CMY	0.6863, 0.6235, 0.6314
CMYK	0.17, 0.00, 0.02, 0.62
HSL	173°, 9%, 35%
HSV	173°, 17%, 38%
XYZ	9.5115, 10.8794, 12.1883
YIQ	90.9880, -8.8940, -4.0140

# Conversions

## Conversions Part 2

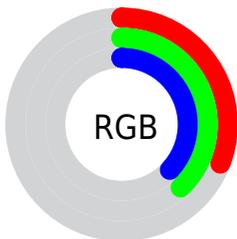
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 89, 96
Decimal	5267550
CIE Lab	39.38, -6.56, -0.91
CIE LCh	39, 6.620, 187.914
Yxy	10.8794, 0.2920, 0.3339
Android (android.graphics.Color)	4283457630 (0xFF50605E)
YUV	90.9880, 1.4849, -9.6365
Hunter-Lab	32.9839, -6.2480, 1.1797

# Details

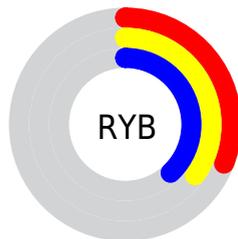
The Decimal color **5267550** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6312018**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **8491920**, and **2306608** is the 20% darker color. If you saturate the color by 10%, you get **4612189**, and if you desaturate by 10%, it is **5922911**.

# Distribution



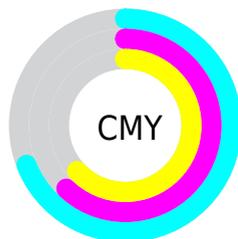
- Red (31%)
- Green (38%)
- Blue (37%)



- Red (31%)
- Yellow (35%)
- Blue (38%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (62%)



- Cyan (69%)
- Magenta (62%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5267550 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 5267550 by changing the saturation by 10% instead.



■ 5267550

■ 5267550

16777215

■ 3754054

■ 8491920

■ 2306608

■ 10268075

■ 990491

■ 11978950

■ 0

■ 13821410

■ 15663103

■ 5267550

■ 5267550

■ 4612189

■ 5922911

■ 4022364

■ 6512736

■ 3367002

■ 7168098

■ 2777177

■ 7757923

■ 2121816

■ 8413284

■ 1466455

■ 9068645

■ 876630

■ 9658470

■ 221268

■ 10313832

■ 24660

■ 10903657

# Harmonies

## Analogous

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



5529689



5267550



5267555

# Triad

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



5267550



6314853



6642515

# Complementary

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



5267550



6312018

# 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.



6838870



5267550



6642273

# Square

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



5267550



5856615



6838619



6315346

# Rectangle

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



5267550



5332838



6838619



6708052



# Sweetspot

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



5267550



7830908



5398608



3948607



12566463



4210752



# Same Dimension

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



5267550



6585722



5266016



2895920



28770



61650



# Inverse Universe

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



6312018



8217703



6313552



3157036



7340046



15728670



# Previews

## White Background



This preview shows how the Decimal color 5267550 looks on a white background.

## Color Contrast Check

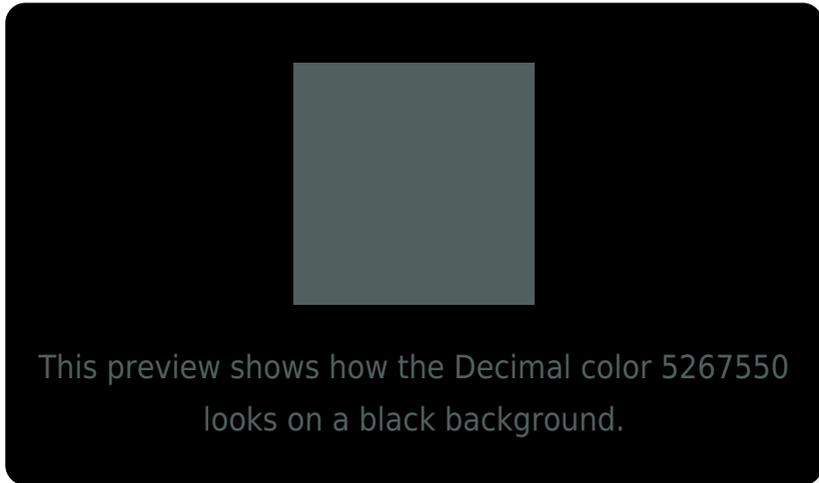
Large Text (above 18pt) WCAG AA ✓ Pass

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

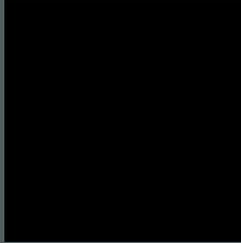
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

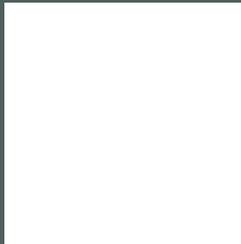
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5267550 Background



This preview shows how black text looks on a background with the Decimal color 5267550.



This preview shows how white text looks on a background with the Decimal color 5267550.

# 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**  
5267550

**Protanopia**  
6184028

**Deuteranopia**  
6576735



**Tritanopia**  
5398374

# Trichromacy



**Original Color**

5267550

**Protanomaly**

5856605

**Deuteranomaly**

6118495

**Tritanomaly**

5332835

# Monochromacy



**Original Color**

5267550

**Achromatopsia**

5987163

**Achromatomaly**

5725532

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5267550 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 #50605E looks like.

```
.text, #text, p{  
    color:#50605E  
}
```

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 #50605E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50605E
}
```

## Border

The CSS property to change the border of an element to Decimal 5267550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

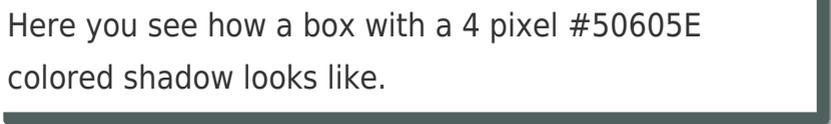
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50605E }
```

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

```
.border{ border-color:#50605E }
```

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



Here you see how a box with a 4 pixel #50605E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50605E; -webkit-box-shadow:4px 4px  
4px 4px #50605E; box-shadow:4px 4px 4px  
4px #50605E }
```

# Background

The CSS property to change the background color of an element to Decimal 5267550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50605E }
```

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

```
.background{ background-color:#50605E }
```

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