

# Converting Colors

Decimal(5201755)

Have a look what the booklet for  
Decimal(5201755) contains.

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# Color

**Decimal(5201755)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F5F5B
RGB	79, 95, 91
RGB Percent	31%, 37%, 36%
CMY	0.6902, 0.6275, 0.6431
CMYK	0.17, 0.00, 0.04, 0.63
HSL	165°, 9%, 34%
HSV	165°, 17%, 37%
XYZ	9.2050, 10.6020, 11.4588
YIQ	89.7600, -8.2520, -4.6360

# Conversions

## Conversions Part 2

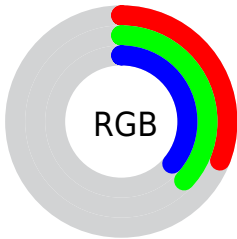
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 88, 95
Decimal	5201755
CIE <sub>Lab</sub>	38.90, -7.03, 0.23
CIE <sub>LCh</sub>	39, 7.036, 178.103
Yxy	10.6020, 0.2944, 0.3391
Android (android.graphics.Color)	4283391835 (0xFF4F5F5B)
YUV	89.7600, 0.6113, -9.4365
Hunter-Lab	32.5607, -6.5190, 1.9272

# Details

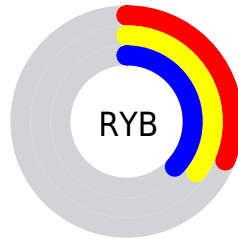
The Decimal color **5201755** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6246227**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **8425869**, and **2240813** is the 20% darker color. If you saturate the color by 10%, you get **4611929**, and if you desaturate by 10%, it is **5857117**.

# Distribution



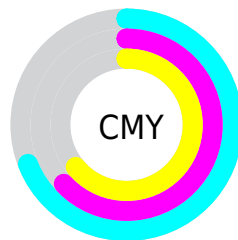
- Red (31%)
- Green (37%)
- Blue (36%)



- Red (31%)
- Yellow (35%)
- Blue (37%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (63%)



- Cyan (69%)
- Magenta (63%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5201755 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 5201755 by changing the saturation by 10% instead.



■ 5201755

■ 5201755

16777215

■ 3688260

■ 8425869

■ 2240813

■ 10136743

■ 924697

■ 11913155

■ 0

■ 13755359

■ 15597563

■ 5201755

■ 5201755

■ 4611929

■ 5857117

■ 3956566

■ 6446944

■ 3366740

■ 7102306

■ 2711378

■ 7692133

■ 2121551

■ 8281959

■ 1466189

■ 8937321

■ 876362

■ 9592684

■ 221000

■ 10182510

■ 24391

■ 10837872

# Harmonies

## Analogous

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



5529173



5201755



5070689

# Triad

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



5201755



6052454



6707538

# Complementary

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



5201755



6246227

# 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.



6838358



5201755



6510946

# Square

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



5201755



5594215



6772828



6380368

# Rectangle

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



5201755



5135972



6772828



6773075



# Sweetspot

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



5201755



7633529



5463887



3816764



12434877



4013373



# Same Dimension

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



5201755



6453876



5200735



2895919



28756



61620



# Inverse Universe

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



6246227



8020584



6247247



3157037



7340060



15728700



# Previews

## White Background



This preview shows how the Decimal color 5201755 looks on a white background.

## Color Contrast Check

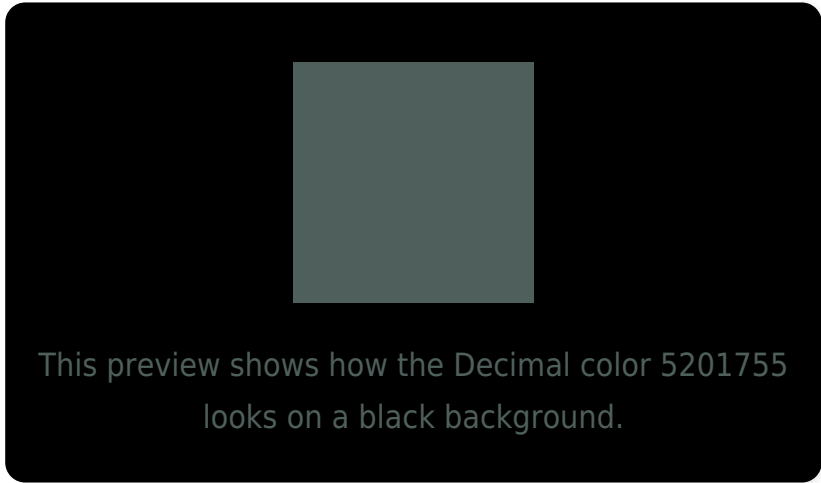
Large Text (above 18pt) WCAG AA ✓ Pass

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

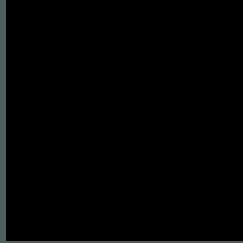
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

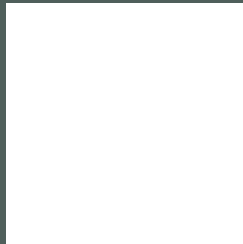
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5201755 Background



This preview shows how black text looks on a background with the Decimal color 5201755.



This preview shows how white text looks on a background with the Decimal color 5201755.

# 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](#).

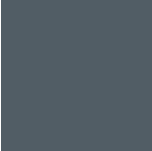
## Dichromacy



**Original Color**  
5201755

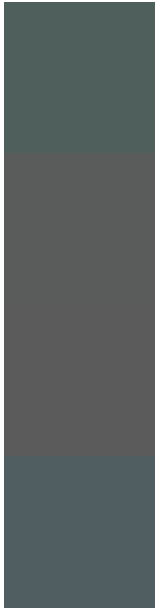
**Protanopia**  
6183769

**Deuteranopia**  
6576476



**Tritanopia**  
5332325

# Trichromacy



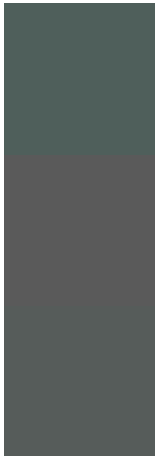
**Original Color**  
5201755

**Protanomaly**  
5856346

**Deuteranomaly**  
6052700

**Tritanomaly**  
5267041

# Monochromacy



**Original Color**  
5201755

**Achromatopsia**  
5921370

**Achromatomaly**  
5659738

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5201755 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 #4F5F5B looks like.

```
.text, #text, p{  
    color:#4F5F5B  
}
```

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 #4F5F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5F5B
}
```

## Border

The CSS property to change the border of an element to Decimal 5201755 is called "border". The border property can be set on classes, ids or directly on the HTML element.

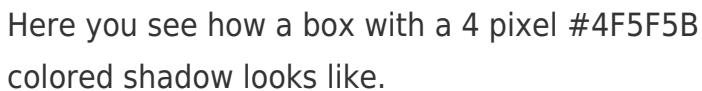
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F5F5B }
```

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

```
.border{ border-color:#4F5F5B }
```

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



Here you see how a box with a 4 pixel #4F5F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5F5B; -webkit-box-shadow:4px 4px  
4px 4px #4F5F5B; box-shadow:4px 4px 4px  
4px #4F5F5B }
```

# Background

The CSS property to change the background color of an element to Decimal 5201755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5F5B }
```

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

```
.background{ background-color:#4F5F5B }
```

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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