

# Converting Colors

Decimal(5221756)

Have a look what the booklet for  
Decimal(5221756) contains.

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# **Color**

**Decimal(5221756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FAD7C
RGB	79, 173, 124
RGB Percent	31%, 68%, 49%
CMY	0.6902, 0.3216, 0.5137
CMYK	0.54, 0.00, 0.28, 0.32
HSL	149°, 37%, 49%
HSV	149°, 54%, 68%
XYZ	21.8061, 33.0046, 24.2900
YIQ	139.3080, -40.2950, -35.1670

# Conversions

## Conversions Part 2

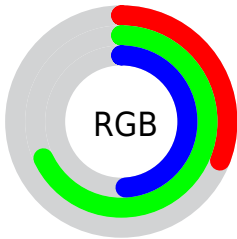
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 143, 173
Decimal	5221756
CIELab	64.16, -39.45, 16.92
CIELCh	64, 42.921, 156.787
Yxy	33.0046, 0.2757, 0.4172
Android (android.graphics.Color)	4283411836 (0xFF4FAD7C)
YUV	139.3080, -7.5468, -52.8901
Hunter-Lab	57.4497, -32.7839, 15.1466

# Details

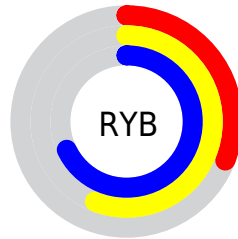
The Decimal color **5221756** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11358080**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **8906161**, and **686155** is the 20% darker color. If you saturate the color by 10%, you get **4107635**, and if you desaturate by 10%, it is **6335877**.

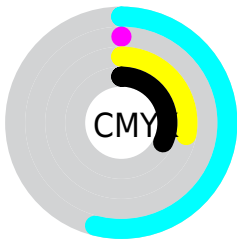
# Distribution



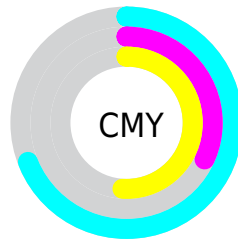
- Red (31%)
- Green (68%)
- Blue (49%)



- Red (31%)
- Yellow (56%)
- Blue (68%)



- Cyan (54%)
- Magenta (0%)
- Yellow (28%)
- Black (32%)



- Cyan (69%)
- Magenta (32%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5221756 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 5221756 by changing the saturation by 10% instead.



■ 5221756

■ 5221756

16777215

■ 3314275

■ 8906161

■ 686155

■ 10747852

■ 24116

■ 12582888

■ 17950

■ 14483455

■ 12039

■ 16449535

■ 5888

■ 0

■ 5221756

■ 5221756

■ 4107635

■ 6335877

■ 2927978

■ 7515534

■ 1813857

■ 8629655

■ 699736

■ 9743776

■ 44371

■ 10923433

■ 12037554

■ 13151675

■ 14265796

■ 15445453

# Harmonies

## Analogous

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



8562524



5221756



44963

# Triad

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



5221756



7183847



14713456

# Complementary

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



5221756



11358080

# 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.



14974100



5221756



11177689

# Square

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



5221756



43233



13795770



13406037

# Rectangle

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



5221756



44989



13795770



14974843



# Sweetspot

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



5221756



12378318



8498511



5992549



15790320



7368816



# Same Dimension

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



5221756



5234836



5221802



5134162



38472



5899



# Inverse Universe

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



11358080



14700443



11358034



5721683



9830478



1507340



# Previews

## White Background



This preview shows how the Decimal color 5221756 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 5221756 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

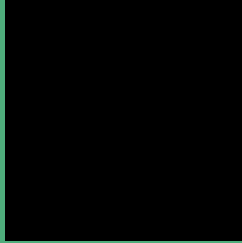
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5221756 Background



This preview shows how black text looks on a background with the Decimal color 5221756.



This preview shows how white text looks on a background with the Decimal color 5221756.

# 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**  
5221756

**Protanopia**  
10918515

**Deuteranopia**  
11703681



**Tritanopia**  
6268595

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5221756 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 #4FAD7C looks like.

```
.text, #text, p{  
    color:#4FAD7C  
}
```

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 #4FAD7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FAD7C
}
```

## Border

The CSS property to change the border of an element to Decimal 5221756 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
#4FAD7C }
```

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

```
.border{ border-color:#4FAD7C }
```

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

Here you see how a box with a 4 pixel #4FAD7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FAD7C; -webkit-box-shadow:4px 4px  
4px 4px #4FAD7C; box-shadow:4px 4px 4px  
4px #4FAD7C }
```

# Background

The CSS property to change the background color of an element to Decimal 5221756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FAD7C }
```

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

```
.background{ background-color:#4FAD7C }
```

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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