

# Converting Colors

Decimal(5281156)

Have a look what the booklet for  
Decimal(5281156) contains.

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**Color**

**Decimal(5281156)**

# Conversions

## Conversions Part 1

Format	Color
Hex	509584
RGB	80, 149, 132
RGB Percent	31%, 58%, 52%
CMY	0.6863, 0.4157, 0.4824
CMYK	0.46, 0.00, 0.11, 0.42
HSL	165°, 30%, 45%
HSV	165°, 46%, 58%
XYZ	18.2206, 24.8663, 25.6691
YIQ	126.4310, -35.6670, -19.9150

# Conversions

## Conversions Part 2

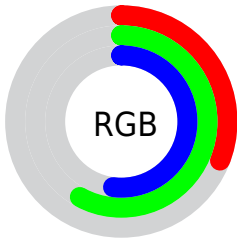
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	80, 119, 149
Decimal	5281156
CIE Lab	56.94, -26.12, 2.22
CIE LCh	57, 26.212, 175.151
Yxy	24.8663, 0.2650, 0.3617
Android (android.graphics.Color)	4283471236 (0xFF509584)
YUV	126.4310, 2.7455, -40.7200
Hunter-Lab	49.8661, -22.0437, 4.3861

# Details

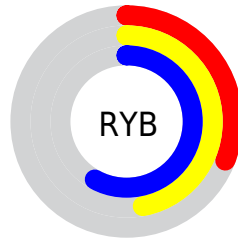
The Decimal color **5281156** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9785441**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **8768441**, and **1598035** is the 20% darker color. If you saturate the color by 10%, you get **4298112**, and if you desaturate by 10%, it is **6264200**.

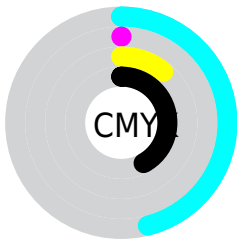
# Distribution



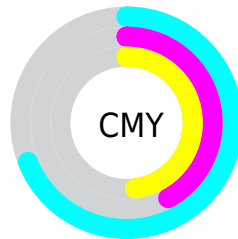
- Red (31%)
- Green (58%)
- Blue (52%)



- Red (31%)
- Yellow (47%)
- Blue (58%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5281156 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 5281156 by changing the saturation by 10% instead.





5281156



5281156

16777215



3505003



8768441



1598035



10610901



19004



12451825



12838



14286847



7953



16187391



0



5281156



5281156



4298112



6264200



3315069



7247243

■ 2332025

■ 8230287

■ 1348981

■ 9213331

■ 365938

■ 10196374

■ 38256

■ 11113882

■ 12096926

■ 13079969

■ 14063013

# Harmonies

## Analogous

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



6984302



5281156



4101531

# Triad

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



5281156



8881330



11435620

# Complementary

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



5281156



9785441

# 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.



11958646



5281156



10648739

# Square

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



5281156



6655158



11761805



10258011

# Rectangle

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



5281156



4297640



11761805



11697257



# Sweetspot

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



5281156



10994363



6395216



5267805



14737632



6381921



# Same Dimension

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



5281156



5620391



5276821



4409928



35432



2568



# Inverse Universe

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



9785441



12735856



9789776



4866884



9044002



655363



# Previews

## White Background



This preview shows how the Decimal color 5281156 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



This preview shows how the Decimal color 5281156 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

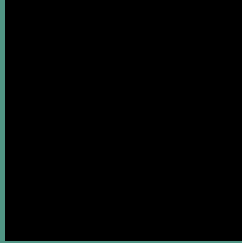
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5281156 Background



This preview shows how black text looks on a background with the Decimal color 5281156.

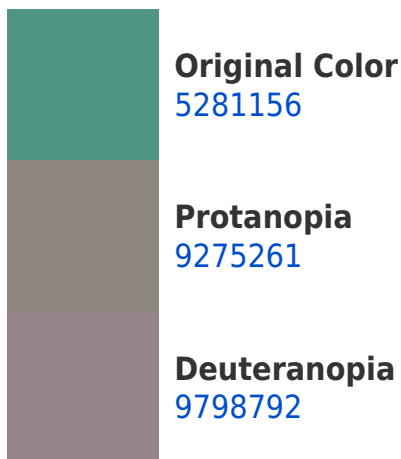



This preview shows how white text looks on a background with the Decimal color 5281156.

# 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





**Tritanopia**  
5738909

# Trichromacy



**Original Color**  
5281156

**Protanomaly**  
7834752

**Deuteranomaly**  
8161927

**Tritanomaly**  
5542548

# Monochromacy



**Original Color**  
5281156

**Achromatopsia**  
8289918

**Achromatomaly**  
7177856

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5281156 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 #509584 looks like.

```
.text, #text, p{  
    color:#509584  
}
```

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 #509584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509584
}
```

## Border

The CSS property to change the border of an element to Decimal 5281156 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
#509584 }
```

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

```
.border{ border-color:#509584 }
```

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

Here you see how a box with a 4 pixel #509584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509584; -webkit-box-shadow:4px 4px  
4px 4px #509584; box-shadow:4px 4px 4px  
4px #509584 }
```

# Background

The CSS property to change the background color of an element to Decimal 5281156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509584 }
```

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

```
.background{ background-color:#509584 }
```

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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