

# Converting Colors

Decimal(5288302)

Have a look what the booklet for  
Decimal(5288302) contains.

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# **Color**

**Decimal(5288302)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50B16E
RGB	80, 177, 110
RGB Percent	31%, 69%, 43%
CMY	0.6863, 0.3059, 0.5686
CMYK	0.55, 0.00, 0.38, 0.31
HSL	139°, 38%, 50%
HSV	139°, 55%, 69%
XYZ	21.8449, 34.2755, 20.2163
YIQ	140.3590, -36.3050, -41.4010

# Conversions

## Conversions Part 2

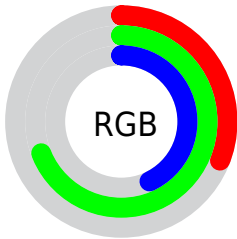
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 154, 177
Decimal	5288302
CIELab	65.18, -43.64, 25.87
CIElCh	65, 50.735, 149.344
Yxy	34.2755, 0.2862, 0.4490
Android (android.graphics.Color)	4283478382 (0xFF50B16E)
YUV	140.3590, -14.9670, -52.9348
Hunter-Lab	58.5453, -35.8510, 20.5082

# Details

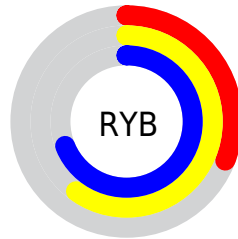
The Decimal color **5288302** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11620499**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **8972706**, and **621373** is the 20% darker color. If you saturate the color by 10%, you get **4108642**, and if you desaturate by 10%, it is **6467962**.

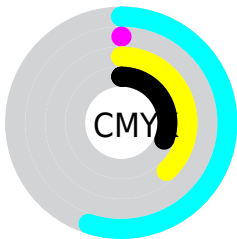
# Distribution



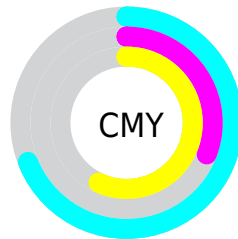
- Red (31%)
- Green (69%)
- Blue (43%)



- Red (31%)
- Yellow (60%)
- Blue (69%)



- Cyan (55%)
- Magenta (0%)
- Yellow (38%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5288302 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 5288302 by changing the saturation by 10% instead.





5288302



5288302

16777215



3315285



8972706



621373



10813373



25126



12713945



18704



14614518



12544



16580607



6912



0



5288302



5288302



4108642



6467962

■ 2994518

■ 7582086

■ 1814857

■ 8761747

■ 635197

■ 9941407

■ 45367

■ 11121067

■ 12235191

■ 13414852

■ 14594512

■ 15708636

# Harmonies

## Analogous

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



9152843



5288302



46492

# Triad

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



5288302



4301817



15826036

# Complementary

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



5288302



11620499

# 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.



15759265



5288302



10458094

# Square

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



5288302



45036



13992397



14519120

# Rectangle

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



5288302



46523



13992397



15956355



# Sweetspot

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



5288302



12707532



9744720



6124388



15921906



7566195



# Same Dimension

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



5288302



5170813



5288350



5265747



39215



6664



# Inverse Universe

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



11620499



15093431



11620451



5853270



10027114



1703954



# Previews

## White Background



This preview shows how the Decimal color 5288302 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 5288302 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 5288302 Background



This preview shows how black text looks on a background with the Decimal color 5288302.



This preview shows how white text looks on a background with the Decimal color 5288302.

# 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





# Trichromacy



**Original Color**

5288302



**Protanomaly**

9086057



**Deuteranomaly**

9674866



**Tritanomaly**

6073244

# Monochromacy



**Original Color**

5288302



**Achromatopsia**

9211020



**Achromatomaly**

7772545

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5288302 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 #50B16E looks like.

```
.text, #text, p{  
  color:#50B16E  
}
```

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 #50B16E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B16E
}
```

## Border

The CSS property to change the border of an element to Decimal 5288302 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
#50B16E }
```

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

```
.border{ border-color:#50B16E }
```

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

Here you see how a box with a 4 pixel #50B16E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B16E; -webkit-box-shadow:4px 4px  
4px 4px #50B16E; box-shadow:4px 4px 4px  
4px #50B16E }
```

# Background

The CSS property to change the background color of an element to Decimal 5288302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B16E }
```

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

```
.background{ background-color:#50B16E }
```

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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