

Converting Colors

Decimal(5351037)

Have a look what the booklet for
Decimal(5351037) contains.

Decimal(5351037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5351037)

Conversions

Conversions Part 1

Format	Color
Hex	51A67D
RGB	81, 166, 125
RGB Percent	32%, 65%, 49%
CMY	0.6824, 0.3490, 0.5098
CMYK	0.51, 0.00, 0.25, 0.35
HSL	151°, 34%, 48%
HSV	151°, 51%, 65%
XYZ	20.7312, 30.5024, 24.1969
YIQ	135.9110, -37.4990, -30.7710

Conversions

Conversions Part 2

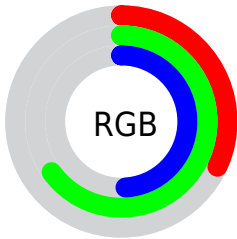
Format	Color
RYB	81, 137, 166
Decimal	5351037
CIELab	62.09, -35.60, 13.49
CIELCh	62, 38.068, 159.250
Yxy	30.5024, 0.2748, 0.4044
Android (android.graphics.Color)	4283541117 (0xFF51A67D)
YUV	135.9110, -5.3791, -48.1569
Hunter-Lab	55.2290, -29.6475, 12.6842

Details

The Decimal color **5351037** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10899834**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **8969906**, and **1339724** is the 20% darker color. If you saturate the color by 10%, you get **4236917**, and if you desaturate by 10%, it is **6465157**.

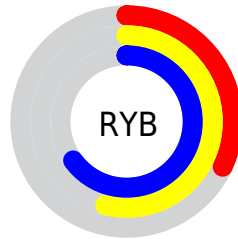
Distribution



Red (32%)

Green (65%)

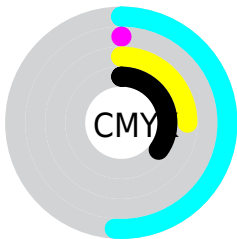
Blue (49%)



Red (32%)

Yellow (54%)

Blue (65%)

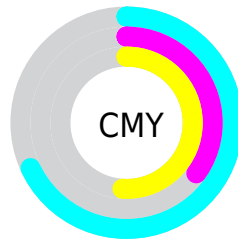


Cyan (51%)

Magenta (0%)

Yellow (25%)

Black (35%)



Cyan (68%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5351037 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 5351037 by changing the saturation by 10% instead.

■ 5351037

■ 5351037

16777215

■ 3509092

■ 8969906

■ 1339724

■ 10812109

■ 22581

■ 12648425

■ 16416

■ 14548991

■ 10761

■ 16449535

■ 3584

■ 0

■ 5351037

■ 5351037

■ 4236917

■ 6465157

■ 3188333

■ 7513741

■ 2074213

■ 8627861

■ 1025629

■ 9676445

■ 42582

■ 10790565

■ 11904685

■ 12953269

■ 14067389

■ 15115973

Harmonies

Analogous

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



8233056



5351037



174240

Triad

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



5351037



7706328



13861229

Complementary

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



5351037



10899834

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.



14121869



5351037



10979786

Square

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



5351037



3055828



13205423



12553303

Rectangle

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



5351037



42934



13205423



14057079

Sweetspot

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



5351037



12114377



8037969



5926500



15592941



7237230

Same Dimension

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



5351037



5626265



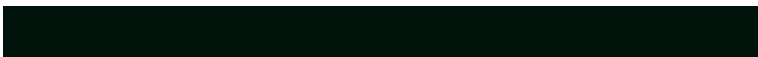
5350822



5002320



37965



5131

Inverse Universe

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



10899834



14243220



10900049



5524560



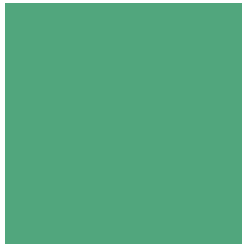
9699399



1310730

Previews

White Background



This preview shows how the Decimal color 5351037 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 5351037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

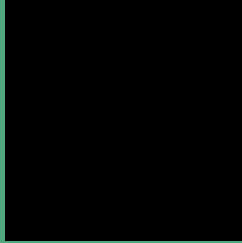
Any Text WCAG AA ✓ Pass

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 5351037 Background



This preview shows how black text looks on a background with the Decimal color 5351037.



This preview shows how white text looks on a background with the Decimal color 5351037.

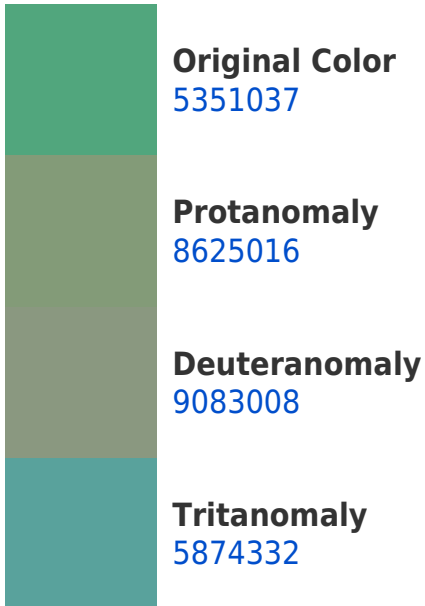
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5351037 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 #51A67D looks like.

```
.text, #text, p{  
  color:#51A67D  
}
```

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 #51A67D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A67D
}
```

Border

The CSS property to change the border of an element to Decimal 5351037 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
#51A67D }
```

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

```
.border{ border-color:#51A67D }
```

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

Here you see how a box with a 4 pixel #51A67D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A67D; -webkit-box-shadow:4px 4px  
4px 4px #51A67D; box-shadow:4px 4px 4px  
4px #51A67D }
```

Background

The CSS property to change the background color of an element to Decimal 5351037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A67D }
```

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

```
.background{ background-color:#51A67D }
```

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