

Converting Colors

Decimal(5747571)

Have a look what the booklet for
Decimal(5747571) contains.

Decimal(5747571)	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(5747571)

Conversions

Conversions Part 1

Format	Color
Hex	57B373
RGB	87, 179, 115
RGB Percent	34%, 70%, 45%
CMY	0.6588, 0.2980, 0.5490
CMYK	0.51, 0.00, 0.36, 0.30
HSL	138°, 38%, 52%
HSV	138°, 51%, 70%
XYZ	23.1451, 35.5042, 21.8528
YIQ	144.1960, -34.2880, -39.4080

Conversions

Conversions Part 2

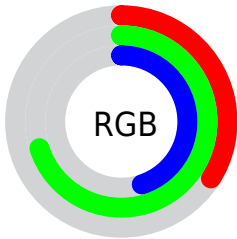
Format	Color
RYB	87, 158, 179
Decimal	5747571
CIELab	66.14, -41.82, 24.52
CIELCh	66, 48.477, 149.612
Yxy	35.5042, 0.2875, 0.4410
Android (android.graphics.Color)	4283937651 (0xFF57B373)
YUV	144.1960, -14.3936, -50.1609
Hunter-Lab	59.5854, -34.9388, 19.9654

Details

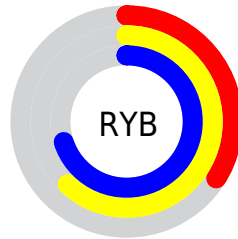
The Decimal color **5747571** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11753367**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **9431975**, and **1670466** is the 20% darker color. If you saturate the color by 10%, you get **4567911**, and if you desaturate by 10%, it is **6927231**.

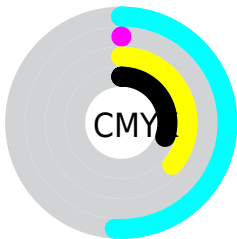
Distribution



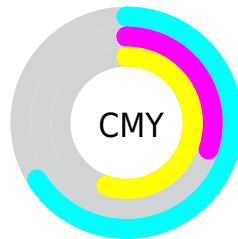
- Red (34%)
- Green (70%)
- Blue (45%)



- Red (34%)
- Yellow (62%)
- Blue (70%)



- Cyan (51%)
- Magenta (0%)
- Yellow (36%)
- Black (30%)



- Cyan (66%)
- Magenta (30%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5747571 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 5747571 by changing the saturation by 10% instead.



5747571



5747571

16777215



3905626



9431975



1670466



11272131



25643



13107167



19221



15007740



13056



7680



0



5747571



5747571



4567911



6927231

 3388250

 8106892

 2208590

 9286552

 1028929

 10466213

 45878

 11645873

 12759998

 13939658

 15119319

 16298979

Harmonies

Analogous

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



9415506



5747571



47007

Triad

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



5747571



5219832



15827064

Complementary

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



5747571



11753367

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.



15695011



5747571



10721005

Square

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



5747571



45547



14058957



14519894

Rectangle

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



5747571



47037



14058957



15957382

Sweetspot

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



5747571



12970192



9941847



6321511



16119285



7697781

Same Dimension

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



5747571



5826692



5747617



5265747



39215



6664

Inverse Universe

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



11753367



15227068



11753321



5853271



10027114



1703954

Previews

White Background



This preview shows how the Decimal color 5747571 looks on a white background.

Color Contrast Check

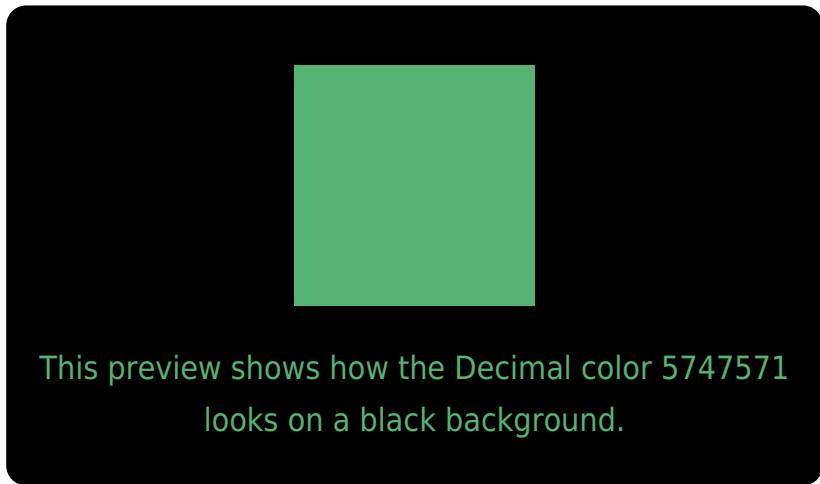
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

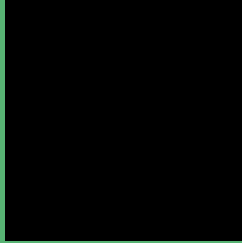
Any Text WCAG AA ✓ Pass

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 5747571 Background



This preview shows how black text looks on a background with the Decimal color 5747571.

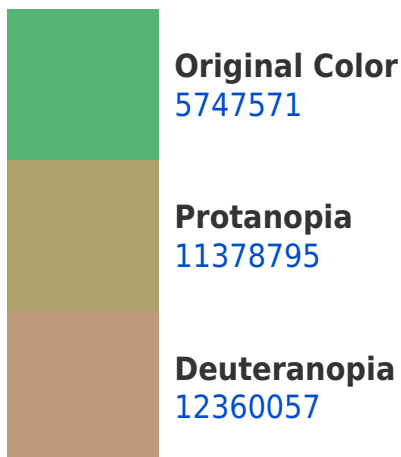



This preview shows how white text looks on a background with the Decimal color 5747571.

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
6859704

Trichromacy



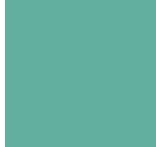
Original Color
5747571



Protanomaly
9348974



Deuteranomaly
9937527



Tritanomaly
6467231

Monochromacy



Original Color
5747571



Achromatopsia
9474192



Achromatomaly
8101253

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5747571 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 #57B373 looks like.

```
.text, #text, p{  
    color:#57B373  
}
```

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 #57B373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B373
}
```

Border

The CSS property to change the border of an element to Decimal 5747571 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
#57B373 }
```

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

```
.border{ border-color:#57B373 }
```

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

Here you see how a box with a 4 pixel #57B373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B373; -webkit-box-shadow:4px 4px  
4px 4px #57B373; box-shadow:4px 4px 4px  
4px #57B373 }
```

Background

The CSS property to change the background color of an element to Decimal 5747571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B373 }
```

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

```
.background{ background-color:#57B373 }
```

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