

Converting Colors

Decimal(5748813)

Have a look what the booklet for
Decimal(5748813) contains.

Decimal(5748813)	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(5748813)

Conversions

Conversions Part 1

Format	Color
Hex	57B84D
RGB	87, 184, 77
RGB Percent	34%, 72%, 30%
CMY	0.6588, 0.2784, 0.6980
CMYK	0.53, 0.00, 0.58, 0.28
HSL	114°, 43%, 51%
HSV	114°, 58%, 72%
XYZ	22.4105, 36.8430, 12.9514
YIQ	142.7990, -23.4650, -53.8410

Conversions

Conversions Part 2

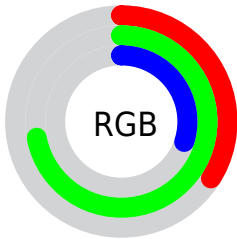
Format	Color
RYB	77, 184, 174
Decimal	5748813
CIELab	67.16, -49.55, 45.02
CIELCh	67, 66.948, 137.744
Yxy	36.8430, 0.3104, 0.5103
Android (android.graphics.Color)	4283938893 (0xFF57B84D)
YUV	142.7990, -32.4389, -48.9357
Hunter-Lab	60.6985, -40.3182, 29.8380

Details

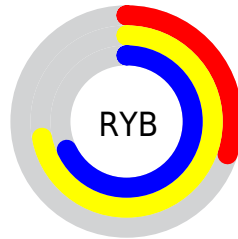
The Decimal color **5748813** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11423160**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **9499009**, and **1278488** is the 20% darker color. If you saturate the color by 10%, you get **4634683**, and if you desaturate by 10%, it is **6862943**.

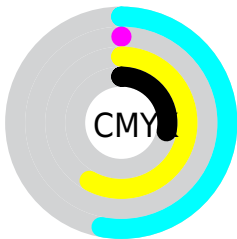
Distribution



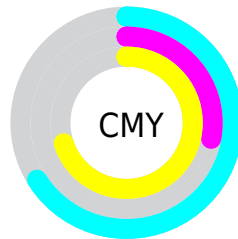
- Red (34%)
- Green (72%)
- Blue (30%)



- Red (30%)
- Yellow (72%)
- Blue (68%)



- Cyan (53%)
- Magenta (0%)
- Yellow (58%)
- Black (28%)



- Cyan (66%)
- Magenta (28%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5748813 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 5748813 by changing the saturation by 10% instead.

 5748813

 5748813

16777215

 3775795

 9499009

 1278488

 11403164

 26624

 13303736

 20224

 15204308

 14080

 16777201

 8448

 0

 5748813

 5748813

 4634683

 6862943

 3586088

 7911538


 2471958

 9025668

 1357827

 10139799

 1161216

 11188393

 12302523

 13416654

 14465248

 15579379

Harmonies

Analogous

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



10529567



5748813



48776

Triad

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



5748813



45567



16739202

Complementary

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



5748813



11423160

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.



16739775



5748813



7577343

Square

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



5748813



48380



13861877



16744268

Rectangle

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



5748813



49330



13861877



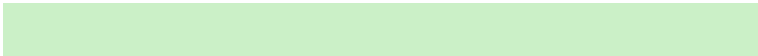
16738710

Sweetspot

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



5748813



13365447



12102989



6453344



16250871



7895160

Same Dimension

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



5748813



5828680



5093496



5463123



1022976



203776

Inverse Universe

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



11423160



14698736



12078477



5985116



9240732



1638428

Previews

White Background



This preview shows how the Decimal color 5748813 looks on a white background.

Color Contrast Check

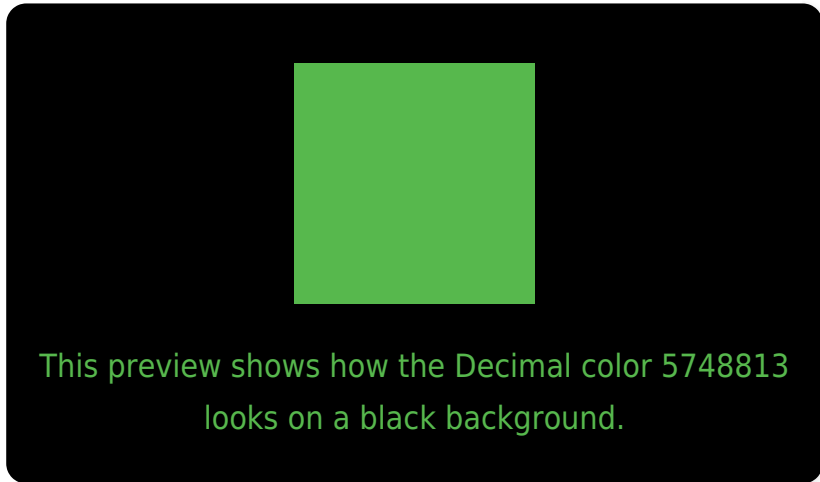
Large Text (above 18pt) WCAG AA × Fail

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

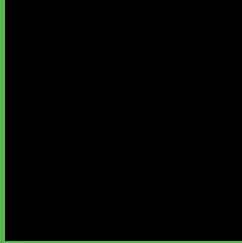
Any Text WCAG AA ✓ Pass

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 5748813 Background



This preview shows how black text looks on a background with the Decimal color 5748813.

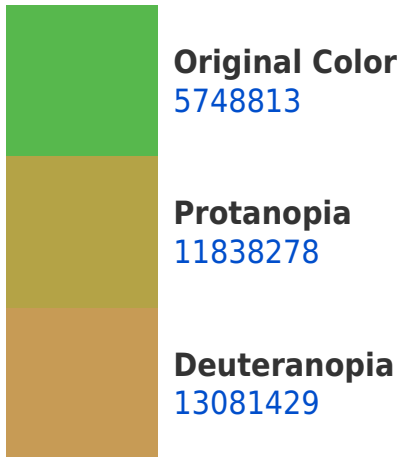


This preview shows how white text looks on a background with the Decimal color 5748813.

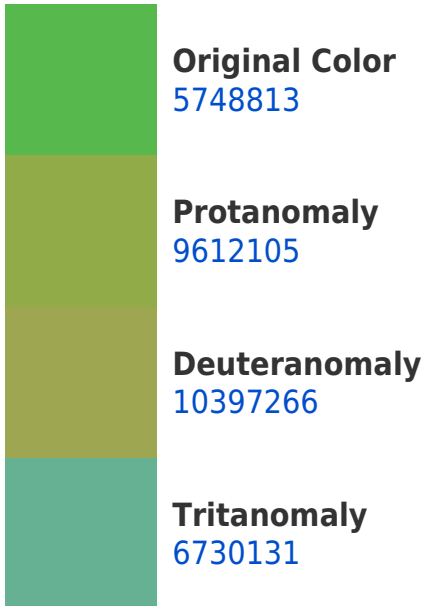
Color Blindness Simulation

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 5748813 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 #57B84D looks like.

```
.text, #text, p{  
    color:#57B84D  
}
```

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 #57B84D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B84D
}
```

Border

The CSS property to change the border of an element to Decimal 5748813 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
#57B84D }
```

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

```
.border{ border-color:#57B84D }
```

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

Here you see how a box with a 4 pixel #57B84D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B84D; -webkit-box-shadow:4px 4px  
4px 4px #57B84D; box-shadow:4px 4px 4px  
4px #57B84D }
```

Background

The CSS property to change the background color of an element to Decimal 5748813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B84D }
```

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

```
.background{ background-color:#57B84D }
```

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