

Converting Colors

Decimal(5864813)

Have a look what the booklet for
Decimal(5864813) contains.

Decimal(5864813)	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(5864813)

Conversions

Conversions Part 1

Format	Color
Hex	597D6D
RGB	89, 125, 109
RGB Percent	35%, 49%, 43%
CMY	0.6510, 0.5098, 0.5725
CMYK	0.29, 0.00, 0.13, 0.51
HSL	153°, 17%, 42%
HSV	153°, 29%, 49%
XYZ	14.2138, 17.8952, 17.1730
YIQ	112.4120, -16.3200, -12.6080

Conversions

Conversions Part 2

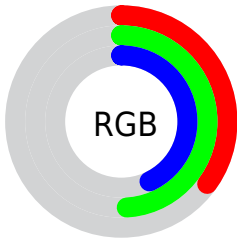
Format	Color
R_{YB}	89, 112, 125
Decimal	5864813
CIE _{Lab}	49.37, -16.37, 4.65
CIE _{LCh}	49, 17.013, 164.151
Yxy	17.8952, 0.2884, 0.3631
Android (android.graphics.Color)	4284054893 (0xFF597D6D)
YUV	112.4120, -1.6821, -20.5323
Hunter-Lab	42.3027, -14.0536, 5.5429

Details

The Decimal color **5864813** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8214889**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **9220768**, and **2772030** is the 20% darker color. If you saturate the color by 10%, you get **5012839**, and if you desaturate by 10%, it is **6716787**.

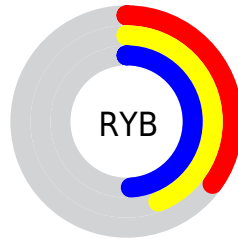
Distribution



Red (35%)

Green (49%)

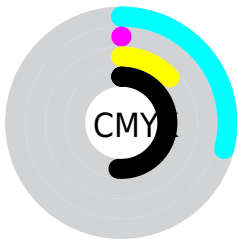
Blue (43%)



Red (35%)

Yellow (44%)

Blue (49%)

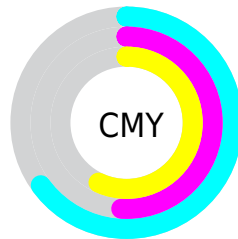


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5864813 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 5864813 by changing the saturation by 10% instead.



5864813



5864813

16777215



4285525



9220768



2772030



10997179



1258792



12774103



8211



14614516



0



16515071



5864813



5864813



5012839



6716787



4226402



7503224

■ 3374428

■ 8289662

■ 2587991

■ 9141635

■ 1736017

■ 9993609

■ 949580

■ 10780046

■ 97606

■ 11632020

■ 32069

■ 12418457

■ 13270431

Harmonies

Analogous

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



6912864



5864813



5144188

Triad

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



5864813



7238801



9530722

Complementary

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



5864813



8214889

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.



9661295



5864813



8417162

Square

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



5864813



5929361



9268350



8876634

Rectangle

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



5864813



5078405



9268350



9596006

Sweetspot

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



5864813



9806749



6913369



4805198



13750737



5395026

Same Dimension

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



5864813



6988682



5864317



3751997



32839



0

Inverse Universe

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



8214889



10709635



8215385



4208956



8388665



0

Previews

White Background



This preview shows how the Decimal color 5864813 looks on a white background.

Color Contrast Check

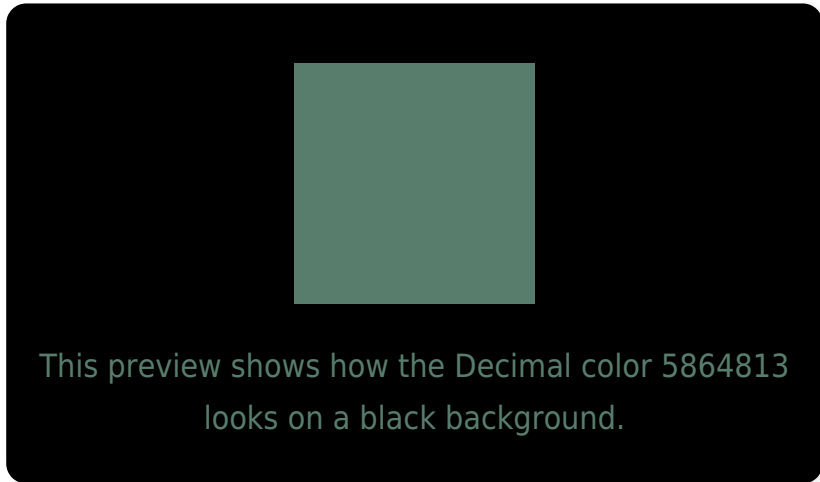
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

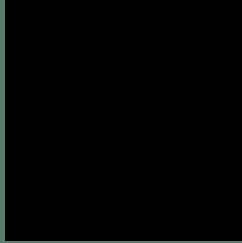
Any Text WCAG AA ✓ Pass

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 5864813 Background



This preview shows how black text looks on a background with the Decimal color 5864813.

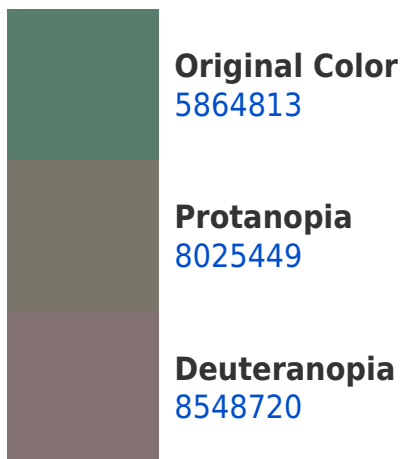



This preview shows how white text looks on a background with the Decimal color 5864813.

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](#).

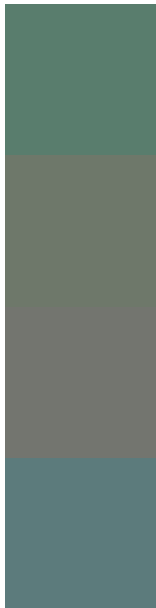
Dichromacy





Tritanopia
6191748

Trichromacy



Original Color
5864813

Protanomaly
7239786

Deuteranomaly
7566703

Tritanomaly
6060924

Monochromacy



Original Color
5864813

Achromatopsia
7368816

Achromatomaly
6845807

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5864813 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 #597D6D looks like.

```
.text, #text, p{  
    color:#597D6D  
}
```

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 #597D6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #597D6D
}
```

Border

The CSS property to change the border of an element to Decimal 5864813 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
#597D6D }
```

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

```
.border{ border-color:#597D6D }
```

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

Here you see how a box with a 4 pixel #597D6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #597D6D; -webkit-box-shadow:4px 4px  
4px 4px #597D6D; box-shadow:4px 4px 4px  
4px #597D6D }
```

Background

The CSS property to change the background color of an element to Decimal 5864813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#597D6D }
```

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

```
.background{ background-color:#597D6D }
```

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