

Converting Colors

Decimal(5744760)

Have a look what the booklet for
Decimal(5744760) contains.

Decimal(5744760)	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(5744760)

Conversions

Conversions Part 1

Format	Color
Hex	57A878
RGB	87, 168, 120
RGB Percent	34%, 66%, 47%
CMY	0.6588, 0.3412, 0.5294
CMYK	0.48, 0.00, 0.29, 0.34
HSL	144°, 32%, 50%
HSV	144°, 48%, 66%
XYZ	21.3233, 31.3876, 22.7039
YIQ	138.3090, -32.8680, -32.1000

Conversions

Conversions Part 2

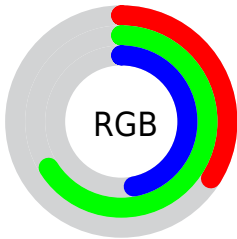
Format	Color
RYB	87, 145, 168
Decimal	5744760
CIELab	62.83, -35.98, 17.32
CIELCh	63, 39.937, 154.295
Yxy	31.3876, 0.2827, 0.4162
Android (android.graphics.Color)	4283934840 (0xFF57A878)
YUV	138.3090, -9.0263, -44.9980
Hunter-Lab	56.0246, -30.1050, 15.1901

Details

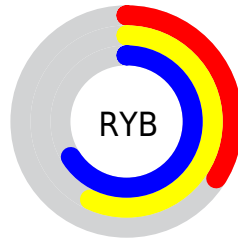
The Decimal color **5744760** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11032455**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **9298092**, and **1995591** is the 20% darker color. If you saturate the color by 10%, you get **4630638**, and if you desaturate by 10%, it is **6858882**.

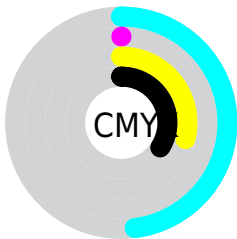
Distribution



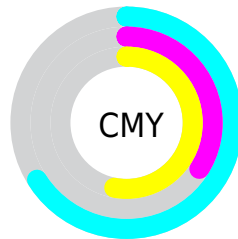
- Red (34%)
- Green (66%)
- Blue (47%)



- Red (34%)
- Yellow (57%)
- Blue (66%)



- Cyan (48%)
- Magenta (0%)
- Yellow (29%)
- Black (34%)



- Cyan (66%)
- Magenta (34%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5744760 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 5744760 by changing the saturation by 10% instead.

■ 5744760

■ 5744760

16777215

■ 3968351

■ 9298092

■ 1995591

■ 11140552

■ 23088

■ 12976100

■ 16923

■ 14876671

■ 11010

■ 4608

■ 0

■ 5744760

■ 5744760

■ 4630638

■ 6858882

■ 3516516

■ 7973004

■ 2467930

■ 9021590

■ 1353808

■ 10135712

■ 239686

■ 11249834

■ 43076

■ 12363956

■ 13478078

■ 14526664

■ 15640786

Harmonies

Analogous

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



8692316



5744760



175004

Triad

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



5744760



6920926



14254194

Complementary

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



5744760



11032455

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.



14384020



5744760



10653139

Square

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



5744760



42199



13205943



13077337

Rectangle

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



5744760



43700



13205943



14450045

Sweetspot

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



5744760



12442569



8955991



5992035



15592941



7237230

Same Dimension

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



5744760



6085520



5744800



5002319



37948



5128

Inverse Universe

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



11032455



14376103



11032415



5524561



9699416



1310732

Previews

White Background



This preview shows how the Decimal color 5744760 looks on a white background.

Color Contrast Check

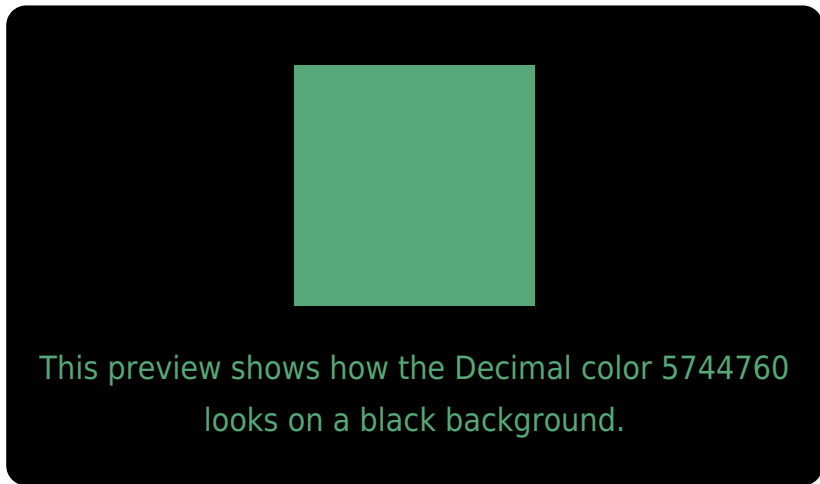
Large Text (above 18pt) WCAG AA × Fail

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

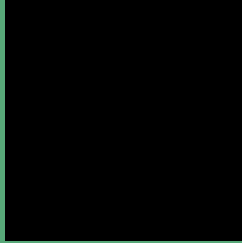
Any Text WCAG AA ✓ Pass

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 5744760 Background



This preview shows how black text looks on a background with the Decimal color 5744760.

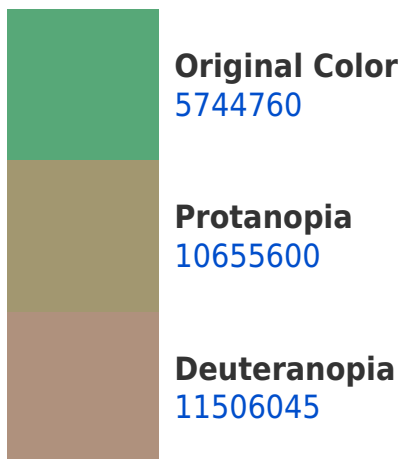


This preview shows how white text looks on a background with the Decimal color 5744760.

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
6660526

Trichromacy



Original Color

5744760



Protanomaly

8887667



Deuteranomaly

9410939



Tritanomaly

6333594

Monochromacy



Original Color

5744760



Achromatopsia

9079434



Achromatomaly

7837059

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5744760 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 #57A878 looks like.

```
.text, #text, p{  
  color:#57A878  
}
```

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 #57A878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A878
}
```

Border

The CSS property to change the border of an element to Decimal 5744760 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
#57A878 }
```

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

```
.border{ border-color:#57A878 }
```

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

Here you see how a box with a 4 pixel #57A878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A878; -webkit-box-shadow:4px 4px  
4px 4px #57A878; box-shadow:4px 4px 4px  
4px #57A878 }
```

Background

The CSS property to change the background color of an element to Decimal 5744760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A878 }
```

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

```
.background{ background-color:#57A878 }
```

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