

Converting Colors

Decimal(5926998)

Have a look what the booklet for
Decimal(5926998) contains.

Decimal(5926998)	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(5926998)

Conversions

Conversions Part 1

Format	Color
Hex	5A7056
RGB	90, 112, 86
RGB Percent	35%, 44%, 34%
CMY	0.6471, 0.5608, 0.6627
CMYK	0.20, 0.00, 0.23, 0.56
HSL	111°, 13%, 39%
HSV	111°, 23%, 44%
XYZ	11.6903, 14.4339, 10.9740
YIQ	102.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

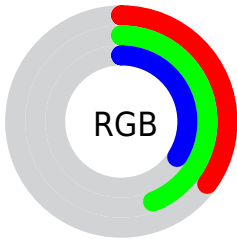
Format	Color
R_{YB}	86, 112, 108
Decimal	5926998
CIE _{Lab}	44.85, -13.62, 11.84
CIE _{LCh}	45, 18.047, 139.013
Yxy	14.4339, 0.3151, 0.3891
Android (android.graphics.Color)	4284117078 (0xFF5A7056)
YUV	102.4580, -8.1138, -10.9257
Hunter-Lab	37.9920, -11.5605, 9.4685

Details

The Decimal color **5926998** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7100016**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **9217160**, and **2900009** is the 20% darker color. If you saturate the color by 10%, you get **5337163**, and if you desaturate by 10%, it is **6516833**.

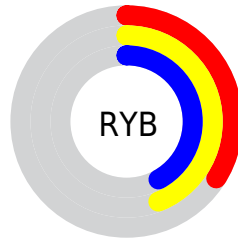
Distribution



Red (35%)

Green (44%)

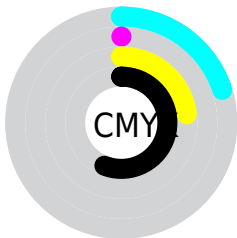
Blue (34%)



Red (34%)

Yellow (44%)

Blue (42%)

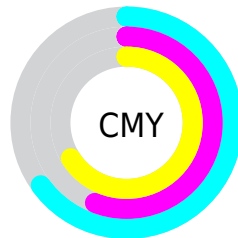


Cyan (20%)

Magenta (0%)

Yellow (23%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5926998 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 5926998 by changing the saturation by 10% instead.



5926998



5926998

16777215



4347967



9217160



2900009



10993570



1452564



12770237



5888



14612441



0



16515061



5926998



5926998



5337163



6516833



4681792



7172204

■ 4091956

■ 7762040

■ 3436585

■ 8417411

■ 2846750

■ 9007246

■ 2191379

■ 9662617

■ 1601544

■ 10252452

■ 1142784

■ 10907824

■ 11497659

Harmonies

Analogous

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



7040078



5926998



4878948

Triad

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



5926998



5270919



9002849

Complementary

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



5926998



7100016

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.



8740976



5926998



6645894

Square

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



5926998



4288896



7889790



8741460

Rectangle

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



5926998



4289390



7889790



8937318

Sweetspot

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



5926998



9015687



7367766



4540996



13224393



4868682

Same Dimension

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



5926998



7311721



5664863



3356722



1210368



2553600

Inverse Universe

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



7100016



9136529



7362151



3617336



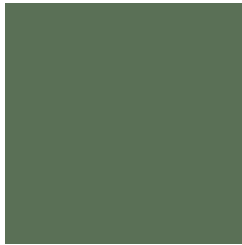
6619256



13697271

Previews

White Background



This preview shows how the Decimal color 5926998 looks on a white background.

Color Contrast Check

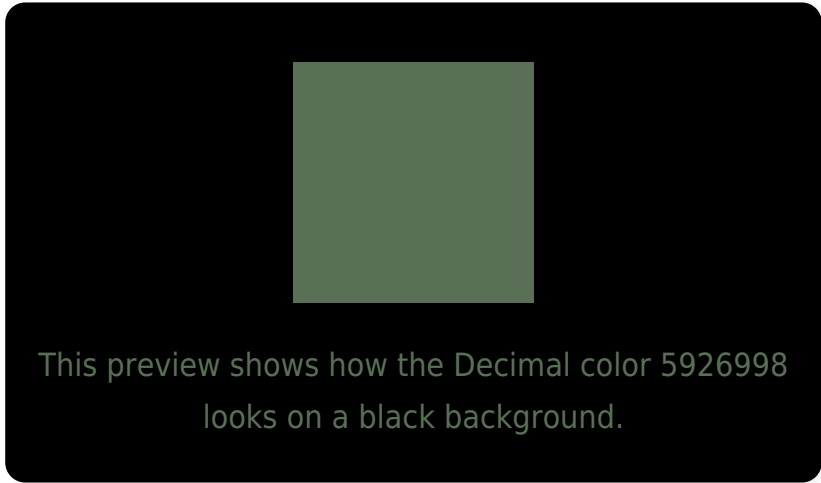
Large Text (above 18pt) WCAG AA ✓ Pass

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

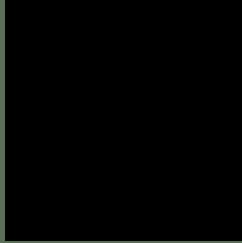
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5926998 Background



This preview shows how black text looks on a background with the Decimal color 5926998.



This preview shows how white text looks on a background with the Decimal color 5926998.

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



Original Color
5926998

Protanopia
7432787

Deuteranopia
8021592

Trichromacy



Original Color
5926998

Protanomaly
6909012

Deuteranomaly
7236183

Tritanomaly
6122858

Monochromacy



Original Color
5926998

Achromatopsia
6710886

Achromatomaly
6449760

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5926998 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 #5A7056 looks like.

```
.text, #text, p{  
  color:#5A7056  
}
```

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 #5A7056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7056  
}
```

Border

The CSS property to change the border of an element to Decimal 5926998 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  
#5A7056 }
```

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

```
.border{ border-color:#5A7056 }
```

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

Here you see how a box with a 4 pixel #5A7056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7056; -webkit-box-shadow:4px 4px  
4px 4px #5A7056; box-shadow:4px 4px 4px  
4px #5A7056 }
```

Background

The CSS property to change the background color of an element to Decimal 5926998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7056 }
```

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

```
.background{ background-color:#5A7056 }
```

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