

Converting Colors

Decimal(5931849)

Have a look what the booklet for
Decimal(5931849) contains.

| | |
|--|----|
| Decimal(5931849) | 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(5931849)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5A8349 |
| RGB | 90, 131, 73 |
| RGB Percent | 35%, 51%, 29% |
| CMY | 0.6471, 0.4863, 0.7137 |
| CMYK | 0.31, 0.00, 0.44, 0.49 |
| HSL | 102°, 28%, 40% |
| HSV | 102°, 44%, 51% |
| XYZ | 13.5353, 18.8873, 9.2356 |
| YIQ | 112.1290, -5.8180, -26.7300 |

Conversions

Conversions Part 2

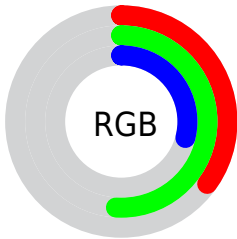
| Format | Color |
|-------------------------------------|--|
| RYB | 73, 131, 114 |
| Decimal | 5931849 |
| CIELab | 50.56, -25.77, 26.88 |
| CIElCh | 51, 37.235, 133.799 |
| Yxy | 18.8873, 0.3249, 0.4534 |
| Android (android.graphics.Color) | 4284121929 (0xFF5A8349) |
| YUV | 112.1290, -19.2906, -19.4071 |
| Hunter-Lab | 43.4595, -20.4608, 17.8220 |

Details

The Decimal color **5931849** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7489923**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **9353339**, and **2707739** is the 20% darker color. If you saturate the color by 10%, you get **5342012**, and if you desaturate by 10%, it is **6521686**.

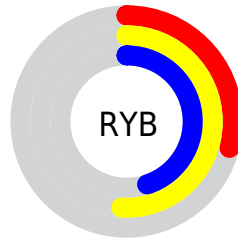
Distribution



Red (35%)

Green (51%)

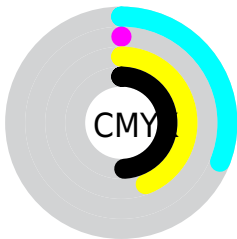
Blue (29%)



Red (29%)

Yellow (51%)

Blue (45%)

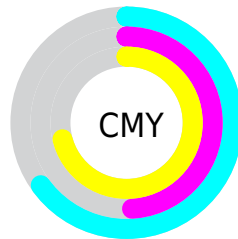


Cyan (31%)

Magenta (0%)

Yellow (44%)

Black (49%)



Cyan (65%)

Magenta (49%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5931849 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 5931849 by changing the saturation by 10% instead.



5931849



5931849

16777215



4287026



9353339



2707739



11130005



1063427



12906672



9216



14811083



1024



16711655



0



5931849



5931849



5342012



6521686



4686639



7177059

■ 4096802

■ 7766896

■ 3506965

■ 8356733

■ 2917128

■ 8946571

■ 2523904

■ 9601944

■ 10191781

■ 10781618

■ 11371455

Harmonies

Analogous

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



8223545



5931849



2787174

Triad

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



5931849



33205



11886187

Complementary

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



5931849



7489923

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.



11165835



5931849



6256566

Square

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



5931849



34723



9333414



11429198

Rectangle

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



5931849



35195



9333414



11755126

Sweetspot

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



5931849



10202005



8614473



5068617



14079702



5723991

Same Dimension

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



5931849



7056208



4817749



4080188



2523648



66304

Inverse Universe

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



7489923



9457835



8604023



4209730



6029442



131075

Previews

White Background



This preview shows how the Decimal color 5931849 looks on a white background.

Color Contrast Check

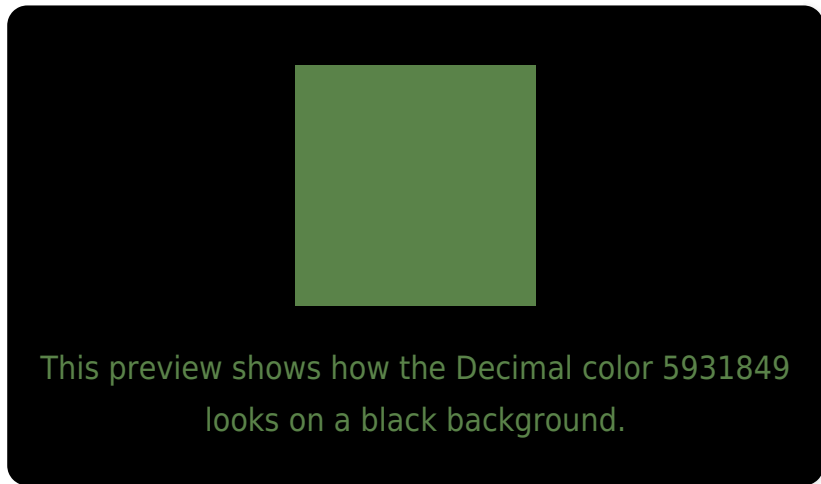
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

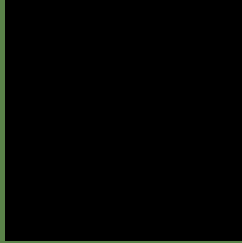
Any Text WCAG AA ✓ Pass

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 5931849 Background



This preview shows how black text looks on a background with the Decimal color 5931849.




This preview shows how white text looks on a background with the Decimal color 5931849.

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
6585478

Trichromacy



Original Color
5931849

Protanomaly
7699526

Deuteranomaly
8157516

Tritanomaly
6324080

Monochromacy



Original Color
5931849

Achromatopsia
7368816

Achromatomaly
6846306

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5931849 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 #5A8349 looks like.

```
.text, #text, p{  
    color:#5A8349  
}
```

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 #5A8349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8349
}
```

Border

The CSS property to change the border of an element to Decimal 5931849 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
#5A8349 }
```

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

```
.border{ border-color:#5A8349 }
```

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

Here you see how a box with a 4 pixel #5A8349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8349; -webkit-box-shadow:4px 4px  
4px 4px #5A8349; box-shadow:4px 4px 4px  
4px #5A8349 }
```

Background

The CSS property to change the background color of an element to Decimal 5931849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8349 }
```

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

```
.background{ background-color:#5A8349 }
```

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