

Converting Colors

Decimal(5146899)

Have a look what the booklet for
Decimal(5146899) contains.

Decimal(5146899)	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(5146899)

Conversions

Conversions Part 1

Format	Color
Hex	4E8913
RGB	78, 137, 19
RGB Percent	31%, 54%, 7%
CMY	0.6941, 0.4627, 0.9255
CMYK	0.43, 0.00, 0.86, 0.46
HSL	90°, 76%, 31%
HSV	90°, 86%, 54%
XYZ	12.2051, 19.5580, 3.7479
YIQ	105.9070, 2.7140, -49.2060

Conversions

Conversions Part 2

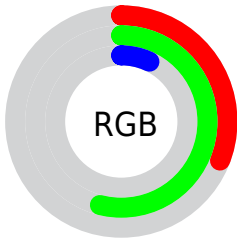
Format	Color
RYB	19, 137, 78
Decimal	5146899
CIELab	51.33, -37.98, 51.03
CIElCh	51, 63.615, 126.656
Yxy	19.5580, 0.3437, 0.5508
Android (android.graphics.Color)	4283336979 (0xFF4E8913)
YUV	105.9070, -42.8452, -24.4744
Hunter-Lab	44.2245, -28.1303, 25.9325

Details

The Decimal color **5146899** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5116809**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **8699723**, and **1398272** is the 20% darker color. If you saturate the color by 10%, you get **4688133**, and if you desaturate by 10%, it is **5605665**.

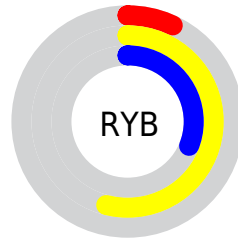
Distribution



Red (31%)

Green (54%)

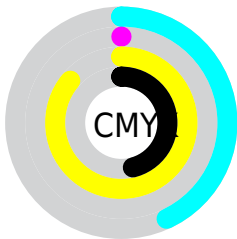
Blue (7%)



Red (7%)

Yellow (54%)

Blue (31%)

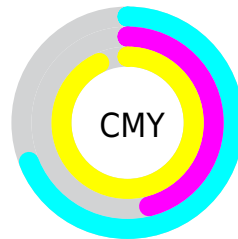


Cyan (43%)

Magenta (0%)

Yellow (86%)

Black (46%)



Cyan (69%)

Magenta (46%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5146899 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 5146899 by changing the saturation by 10% instead.

■ 5146899

■ 5146899

16777215

■ 3305216

■ 8699723

■ 1398272

■ 10541926

■ 15872

■ 12449920

■ 10496

■ 14286748

■ 2304

■ 16252855

■ 0

■ 16777172

■ 16777200

■ 5146899

■ 5146899

■ 4688133

■ 5605665

■ 4557056

■ 6064430

■ 6523196

■ 6916426

■ 7375192

■ 7833957

■ 8292723

■ 8751489

■ 9210254

Harmonies

Analogous

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



8944640



5146899



36941

Triad

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



5146899



35806



14302833

Complementary

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



5146899



5116809

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.



12864423



5146899



32231

Square

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



5146899



37562



9070290



13782588

Rectangle

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



5146899



37490



9070290



14040963

Sweetspot

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



5146899



10204036



8998419



4938046



14277081



5855577

Same Dimension

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



5146899



5878528



1280275



4277566



4359424



197888

Inverse Universe

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



5116809



5832883



8983433



4275781



4325509



196613

Previews

White Background



This preview shows how the Decimal color 5146899 looks on a white background.

Color Contrast Check

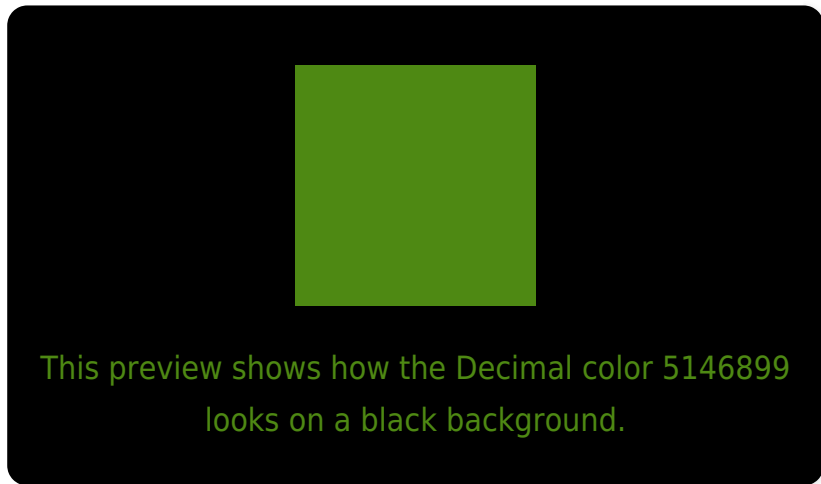
Large Text (above 18pt) WCAG AA ✓ Pass

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 5146899 Background



This preview shows how black text looks on a background with the Decimal color 5146899.



This preview shows how white text looks on a background with the Decimal color 5146899.

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
6193034

Trichromacy



Original Color
5146899

Protanomaly
7634704

Deuteranomaly
8289308

Tritanomaly
5800799

Monochromacy



Original Color
5146899

Achromatopsia
6974058

Achromatomaly
6321482

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5146899 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 #4E8913 looks like.

```
.text, #text, p{  
    color:#4E8913  
}
```

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 #4E8913 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8913
}
```

Border

The CSS property to change the border of an element to Decimal 5146899 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".

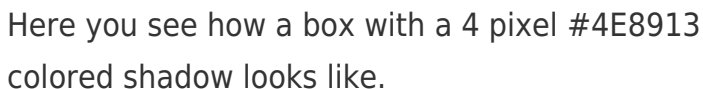
```
.border, #border, table{ border:4px solid
#4E8913 }
```

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

```
.border{ border-color:#4E8913 }
```

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

Here you see how a box with a 4 pixel #4E8913 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8913; -webkit-box-shadow:4px 4px  
4px 4px #4E8913; box-shadow:4px 4px 4px  
4px #4E8913 }
```

Background

The CSS property to change the background color of an element to Decimal 5146899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8913 }
```

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

```
.background{ background-color:#4E8913 }
```

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