

Converting Colors

Decimal(8694129)

Have a look what the booklet for
Decimal(8694129) contains.

Decimal(8694129)	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(8694129)

Conversions

Conversions Part 1

Format	Color
Hex	84A971
RGB	132, 169, 113
RGB Percent	52%, 66%, 44%
CMY	0.4824, 0.3373, 0.5569
CMYK	0.22, 0.00, 0.33, 0.34
HSL	100°, 25%, 55%
HSV	100°, 33%, 66%
XYZ	26.6843, 34.4737, 20.8705
YIQ	151.5530, -4.0760, -25.2600

Conversions

Conversions Part 2

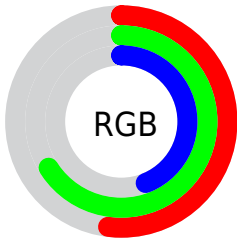
Format	Color
RYB	113, 169, 150
Decimal	8694129
CIELab	65.34, -23.19, 24.92
CIELCh	65, 34.043, 132.942
Yxy	34.4737, 0.3253, 0.4203
Android (android.graphics.Color)	4286884209 (0xFF84A971)
YUV	151.5530, -19.0066, -17.1480
Hunter-Lab	58.7143, -21.6259, 20.0249

Details

The Decimal color **8694129** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9859497**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **12247205**, and **5338432** is the 20% darker color. If you saturate the color by 10%, you get **7973216**, and if you desaturate by 10%, it is **9415042**.

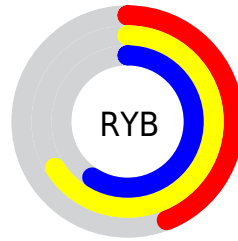
Distribution



Red (52%)

Green (66%)

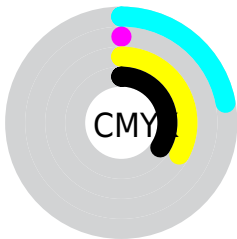
Blue (44%)



Red (44%)

Yellow (66%)

Blue (59%)

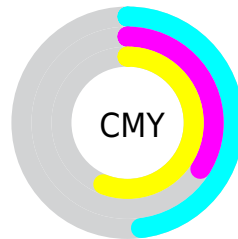


Cyan (22%)

Magenta (0%)

Yellow (33%)

Black (34%)



Cyan (48%)

Magenta (34%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8694129 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 8694129 by changing the saturation by 10% instead.



8694129



8694129

16777215



6983256



12247205



5338432



14089665



3759145



15990749



2180115



16777209



797952



6912



0



8694129



8694129



7973216



9415042

 7252303

 10135955

 6531390

 10856868

 5744941

 11643317

 5024028

 12364229

 4303116

 13085142

 3778816

 13806055

 14526968

 15247871

Harmonies

Analogous

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



10920290



8694129



6205068

Triad

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



8694129



5679064



14321554

Complementary

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



8694129



9859497

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.



13601201



8694129



9018842

Square

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



8694129



2928071



11768523



13995382

Rectangle

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



8694129



4501409



11768523



14256029

Sweetspot

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



8694129



13491141



11113841



6647392



15592941



7237230

Same Dimension

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



8694129



10607492



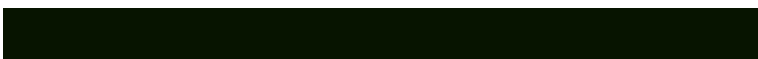
7448953



5198924



3314688



463872

Inverse Universe

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



9859497



12485851



11104673



5327956



6422676



851988

Previews

White Background



This preview shows how the Decimal color 8694129 looks on a white background.

Color Contrast Check

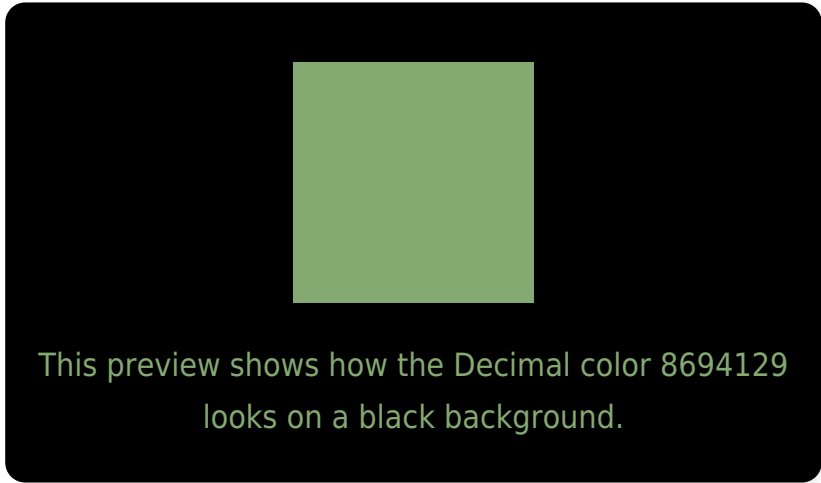
Large Text (above 18pt) WCAG AA × Fail

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

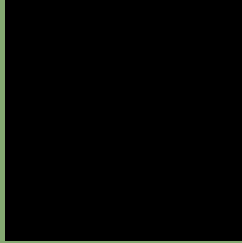
Any Text WCAG AA ✓ Pass

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 8694129 Background



This preview shows how black text looks on a background with the Decimal color 8694129.



This preview shows how white text looks on a background with the Decimal color 8694129.

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
9347502

Trichromacy



Original Color
8694129

Protanomaly
10330734

Deuteranomaly
10985076

Tritanomaly
9086104

Monochromacy



Original Color
8694129

Achromatopsia
10000536

Achromatomaly
9543306

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8694129 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 #84A971 looks like.

```
.text, #text, p{  
  color:#84A971  
}
```

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 #84A971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A971
}
```

Border

The CSS property to change the border of an element to Decimal 8694129 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
#84A971 }
```

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

```
.border{ border-color:#84A971 }
```

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

Here you see how a box with a 4 pixel #84A971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A971; -webkit-box-shadow:4px 4px  
4px 4px #84A971; box-shadow:4px 4px 4px  
4px #84A971 }
```

Background

The CSS property to change the background color of an element to Decimal 8694129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A971 }
```

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

```
.background{ background-color:#84A971 }
```

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