

Converting Colors

Decimal(6849638)

Have a look what the booklet for
Decimal(6849638) contains.

Decimal(6849638)	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(6849638)

Conversions

Conversions Part 1

Format	Color
Hex	688466
RGB	104, 132, 102
RGB Percent	41%, 52%, 40%
CMY	0.5922, 0.4824, 0.6000
CMYK	0.21, 0.00, 0.23, 0.48
HSL	116°, 13%, 46%
HSV	116°, 23%, 52%
XYZ	16.3585, 20.4049, 15.6467
YIQ	120.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

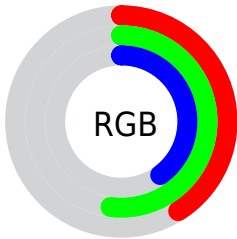
Format	Color
RYB	102, 132, 130
Decimal	6849638
CIELab	52.29, -16.24, 12.99
CIElCh	52, 20.793, 141.347
Yxy	20.4049, 0.3121, 0.3893
Android (android.graphics.Color)	4285039718 (0xFF688466)
YUV	120.2080, -8.9765, -14.2144
Hunter-Lab	45.1718, -14.4088, 11.0832

Details

The Decimal color **6849638** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8545924**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **10271129**, and **3691063** is the 20% darker color. If you saturate the color by 10%, you get **6063193**, and if you desaturate by 10%, it is **7636083**.

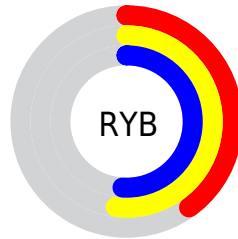
Distribution



Red (41%)

Green (52%)

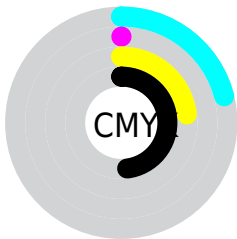
Blue (40%)



Red (40%)

Yellow (52%)

Blue (51%)

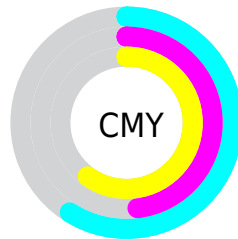


Cyan (21%)

Magenta (0%)

Yellow (23%)

Black (48%)



Cyan (59%)

Magenta (48%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6849638 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 6849638 by changing the saturation by 10% instead.



6849638



6849638

16777215



5270350



10271129



3691063



12047796



2243361



13824463



861452



15728620



3840



0



6849638



6849638



6063193



7636083



5211212



8488064

■ 4424766

■ 9274510

■ 3638321

■ 10060955

■ 2786340

■ 10912936

■ 1999895

■ 11699381

■ 1213450

■ 12485826

■ 623616

■ 13337808

■ 14124253

Harmonies

Analogous

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



8159323



6849638



5604983

Triad

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



6849638



6258848



10580081

Complementary

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



6849638



8545924

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.



10317955



6849638



7961246

Square

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



6849638



5014680



9401491



10253410

Rectangle

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



6849638



4949891



9401491



10580086

Sweetspot

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



6849638



10529695



8684134



5265232



14079702



5723991

Same Dimension

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



6849638



8432509



6718579



3949116



623104



768

Inverse Universe

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



8545924



11042219



8676983



4340802



7929986



131075

Previews

White Background



This preview shows how the Decimal color 6849638 looks on a white background.

Color Contrast Check

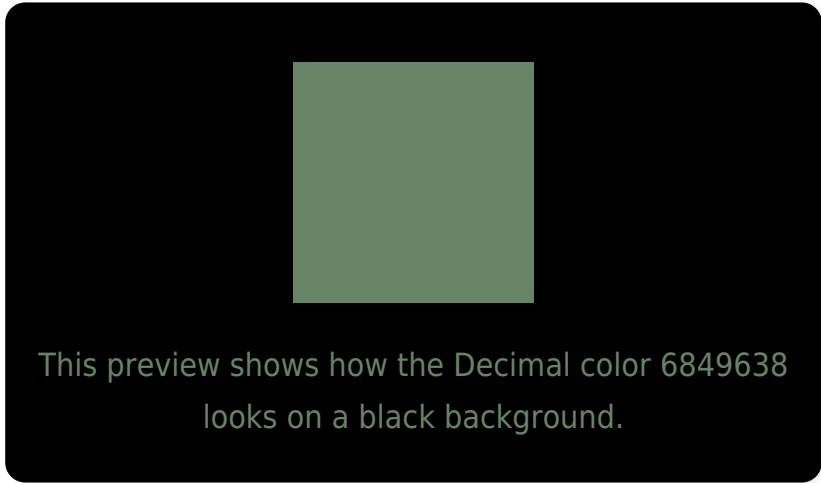
Large Text (above 18pt) WCAG AA ✓ Pass

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

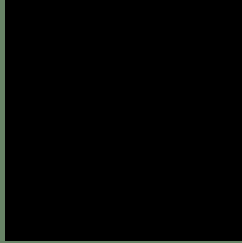
Any Text WCAG AA ✓ Pass

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 6849638 Background



This preview shows how black text looks on a background with the Decimal color 6849638.

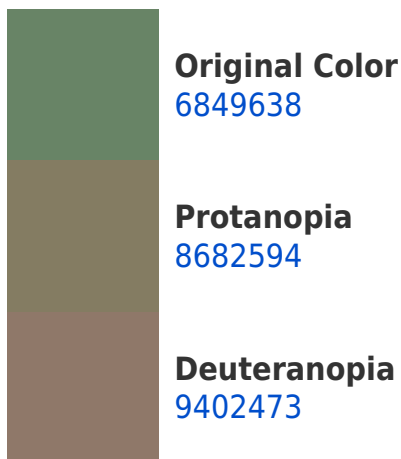


This preview shows how white text looks on a background with the Decimal color 6849638.

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



Trichromacy



Original Color
6849638

Protanomaly
8028003

Deuteranomaly
8485992

Tritanomaly
7111036

Monochromacy



Original Color
6849638

Achromatopsia
7895160

Achromatomaly
7502961

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6849638 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 #688466 looks like.

```
.text, #text, p{  
    color:#688466  
}
```

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 #688466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688466
}
```

Border

The CSS property to change the border of an element to Decimal 6849638 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
#688466 }
```

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

```
.border{ border-color:#688466 }
```

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

Here you see how a box with a 4 pixel #688466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688466; -webkit-box-shadow:4px 4px  
4px 4px #688466; box-shadow:4px 4px 4px  
4px #688466 }
```

Background

The CSS property to change the background color of an element to Decimal 6849638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688466 }
```

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

```
.background{ background-color:#688466 }
```

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