

Converting Colors

Decimal(6849883)

Have a look what the booklet for
Decimal(6849883) contains.

Decimal(6849883)	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(6849883)

Conversions

Conversions Part 1

Format	Color
Hex	68855B
RGB	104, 133, 91
RGB Percent	41%, 52%, 36%
CMY	0.5922, 0.4784, 0.6431
CMYK	0.22, 0.00, 0.32, 0.48
HSL	101°, 19%, 44%
HSV	101°, 32%, 52%
XYZ	15.9848, 20.4734, 13.0068
YIQ	119.5410, -3.8020, -19.2100

Conversions

Conversions Part 2

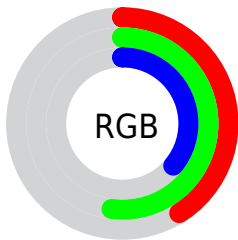
Format	Color
R_{YB}	91, 133, 120
Decimal	6849883
CIE _{Lab}	52.37, -18.70, 19.38
CIE _{LCh}	52, 26.930, 133.984
Y _{xy}	20.4734, 0.3232, 0.4139
Android (android.graphics.Color)	4285039963 (0xFF68855B)
YUV	119.5410, -14.0707, -13.6295
Hunter-Lab	45.2476, -16.1240, 14.6299

Details

The Decimal color **6849883** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7887749**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **10271373**, and **3691309** is the 20% darker color. If you saturate the color by 10%, you get **6260046**, and if you desaturate by 10%, it is **7439720**.

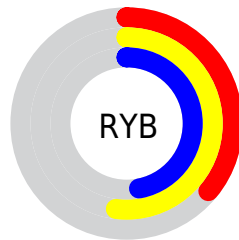
Distribution



Red (41%)

Green (52%)

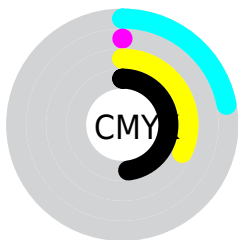
Blue (36%)



Red (36%)

Yellow (52%)

Blue (47%)

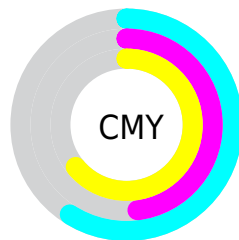


Cyan (22%)

Magenta (0%)

Yellow (32%)

Black (48%)



Cyan (59%)

Magenta (48%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6849883 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 6849883 by changing the saturation by 10% instead.



6849883



6849883

16777215



5205059



10271373



3691309



12048040



2178071



13890243



927232



15728607



3840



16777212



0



6849883



6849883



6260046



7439720



5670208



8029558

■ 5014835

■ 8684931

■ 4424998

■ 9274768

■ 3835161

■ 9864606

■ 3245323

■ 10454443

■ 2721024

■ 11044280

■ 11634117

■ 12289491

Harmonies

Analogous

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



8552272



6849883



5015919

Triad

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



6849883



4883369



11234419

Complementary

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



6849883



7887749

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.



10644874



6849883



7240618

Square

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



6849883



2984092



9270174



10907742

Rectangle

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



6849883



3836543



9270174



11103099

Sweetspot

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



6849883



10726814



8747099



5265229



14079702



5723991

Same Dimension

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



6849883



8433004



5997923



4080188



2654720



66304

Inverse Universe

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



7887749



10054829



8739709



4209730



5898370



131075

Previews

White Background



This preview shows how the Decimal color 6849883 looks on a white background.

Color Contrast Check

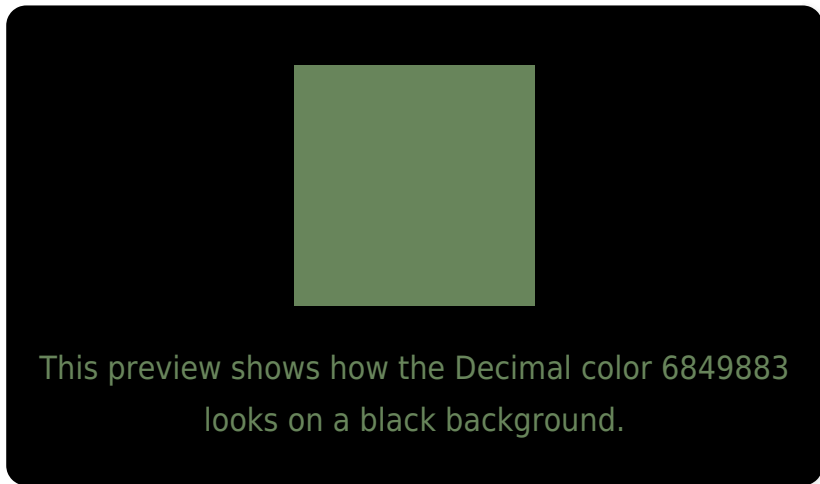
Large Text (above 18pt) WCAG AA ✓ Pass

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

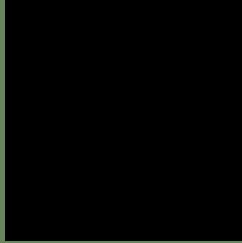
Any Text WCAG AA ✓ Pass

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 6849883 Background



This preview shows how black text looks on a background with the Decimal color 6849883.



This preview shows how white text looks on a background with the Decimal color 6849883.

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
7307145

Trichromacy



Original Color
6849883

Protanomaly
8093784

Deuteranomaly
8617053

Tritanomaly
7111032

Monochromacy



Original Color
6849883

Achromatopsia
7895160

Achromatomaly
7503213

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6849883 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 #68855B looks like.

```
.text, #text, p{  
    color:#68855B  
}
```

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 #68855B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68855B
}
```

Border

The CSS property to change the border of an element to Decimal 6849883 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
#68855B }
```

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

```
.border{ border-color:#68855B }
```

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

Here you see how a box with a 4 pixel #68855B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68855B; -webkit-box-shadow:4px 4px  
4px 4px #68855B; box-shadow:4px 4px 4px  
4px #68855B }
```

Background

The CSS property to change the background color of an element to Decimal 6849883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68855B }
```

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

```
.background{ background-color:#68855B }
```

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