

Converting Colors

Decimal(6849444)

Have a look what the booklet for
Decimal(6849444) contains.

Decimal(6849444)	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(6849444)

Conversions

Conversions Part 1

Format	Color
Hex	6883A4
RGB	104, 131, 164
RGB Percent	41%, 51%, 64%
CMY	0.5922, 0.4863, 0.3569
CMYK	0.37, 0.20, 0.00, 0.36
HSL	213°, 25%, 53%
HSV	213°, 37%, 64%
XYZ	20.5261, 21.8560, 38.2587
YIQ	126.6890, -26.6850, 4.5390

Conversions

Conversions Part 2

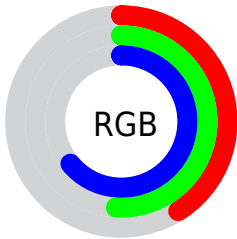
Format	Color
RYB	104, 123, 164
Decimal	6849444
CIELab	53.87, -1.20, -20.66
CIELCh	54, 20.693, 266.674
Yxy	21.8560, 0.2545, 0.2710
Android (android.graphics.Color)	4285039524 (0xFF6883A4)
YUV	126.6890, 18.3943, -19.8983
Hunter-Lab	46.7504, -3.4416, -15.7954

Details

The Decimal color **6849444** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10783080**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **10336475**, and **3494512** is the 20% darker color. If you saturate the color by 10%, you get **5798564**, and if you desaturate by 10%, it is **7900324**.

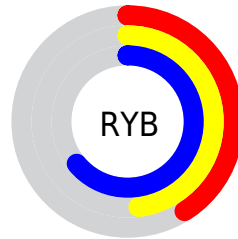
Distribution



Red (41%)

Green (51%)

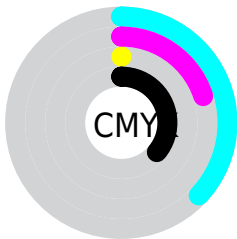
Blue (64%)



Red (41%)

Yellow (48%)

Blue (64%)

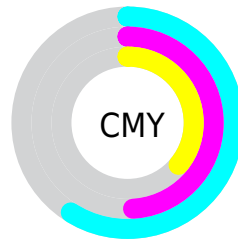


Cyan (37%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (59%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6849444 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 6849444 by changing the saturation by 10% instead.



6849444



6849444

16777215



5204618



10336475



3494512



12112888



1850200



14020863



9536



15859711



4138



277



0



6849444



6849444



5798564



7900324

■ 4682148

■ 9016740

■ 3631268

■ 10067620

■ 2514852

■ 11184036

■ 1463972

■ 12234916

■ 413092

■ 13285796

■ 19108

■ 14402212

■ 15453092

■ 16569508

Harmonies

Analogous

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



5474462



6849444



8486305

Triad

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



6849444



10843506



6850925

Complementary

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



6849444



10783080

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.



8226145



6849444



10385764

Square

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



6849444



10646659



9469789



5671806

Rectangle

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



6849444



9468313



9469789



7309160

Sweetspot

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



6849444



12569046



6857865



6120299



15461355



7039851

Same Dimension

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



6849444



7906006



7039140



4803922



16785



2066

Inverse Universe

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



10774659



14055586



10593384



5392717



9502785



1179656

Previews

White Background



This preview shows how the Decimal color 6849444 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



This preview shows how the Decimal color 68494444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

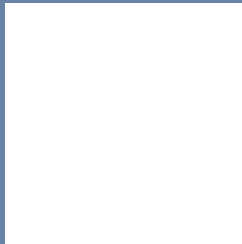
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6849444 Background



This preview shows how black text looks on a background with the Decimal color 6849444.

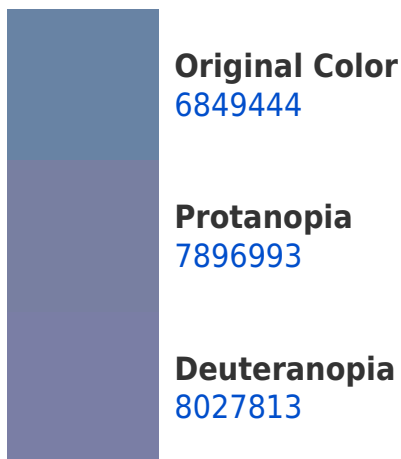



This preview shows how white text looks on a background with the Decimal color 6849444.

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
6522513

Trichromacy



Original Color
6849444

Protanomaly
7504034

Deuteranomaly
7569573

Tritanomaly
6653336

Monochromacy



Original Color
6849444

Achromatopsia
8355711

Achromatomaly
7831692

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6849444 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 #6883A4 looks like.

```
.text, #text, p{  
    color:#6883A4  
}
```

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 #6883A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6883A4
}
```

Border

The CSS property to change the border of an element to Decimal 6849444 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
#6883A4 }
```

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

```
.border{ border-color:#6883A4 }
```

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

Here you see how a box with a 4 pixel #6883A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6883A4; -webkit-box-shadow:4px 4px  
4px 4px #6883A4; box-shadow:4px 4px 4px  
4px #6883A4 }
```

Background

The CSS property to change the background color of an element to Decimal 6849444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6883A4 }
```

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

```
.background{ background-color:#6883A4 }
```

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