

Converting Colors

Decimal(6848967)

Have a look what the booklet for
Decimal(6848967) contains.

Decimal(6848967)	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(6848967)

Conversions

Conversions Part 1

Format	Color
Hex	6881C7
RGB	104, 129, 199
RGB Percent	41%, 51%, 78%
CMY	0.5922, 0.4941, 0.2196
CMYK	0.48, 0.35, 0.00, 0.22
HSL	224°, 46%, 59%
HSV	224°, 48%, 78%
XYZ	23.8680, 22.7671, 57.1693
YIQ	129.5050, -37.3700, 16.4700

Conversions

Conversions Part 2

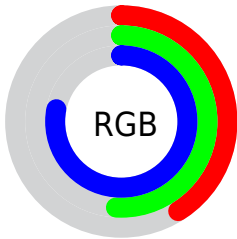
Format	Color
RYB	104, 124, 199
Decimal	6848967
CIELab	54.83, 10.14, -39.22
CIElCh	55, 40.514, 284.495
Yxy	22.7671, 0.2299, 0.2193
Android (android.graphics.Color)	4285039047 (0xFF6881C7)
YUV	129.5050, 34.2610, -22.3679
Hunter-Lab	47.7149, 5.7884, -37.6376

Details

The Decimal color **6848967** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13086312**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **10467071**, and **3100817** is the 20% darker color. If you saturate the color by 10%, you get **5534407**, and if you desaturate by 10%, it is **8163527**.

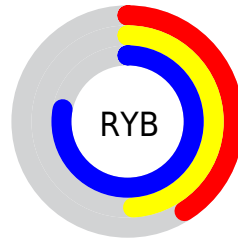
Distribution



Red (41%)

Green (51%)

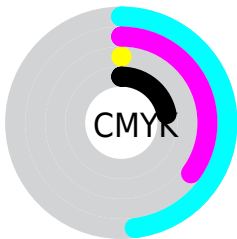
Blue (78%)



Red (41%)

Yellow (49%)

Blue (78%)

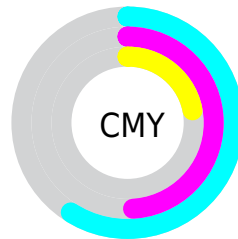


Cyan (48%)

Magenta (35%)

Yellow (0%)

Black (22%)



Cyan (59%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6848967 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 6848967 by changing the saturation by 10% instead.



6848967



6848967

16777215



5007531



10467071



3100817



12374527



539255



14282239



9566



16187391



4165



1071



281



0



6848967



6848967

■ 5534407

■ 8163527

■ 4220103

■ 9477831

■ 2905543

■ 10792391

■ 1590983

■ 12106951

■ 276679

■ 13421255

■ 13511

■ 14670279

■ 15984839

■ 16774855

■ 16777159

Harmonies

Analogous

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



36038



6848967



10253237

Triad

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



6848967



12480084



2659439

Complementary

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



6848967



13086312

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.



6393679



6848967



11041599

Square

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



6848967



13002355



8947517



38292

Rectangle

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



6848967



11758498



8947517



4166500

Sweetspot

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



6848967



14411263



6866862



6975616



0



8421504

Same Dimension

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



6848967



7247103



8284359



5921891



11171



2340

Inverse Universe

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



13068417



16739988



11650920



6511196



10682411



2359305

Previews

White Background



This preview shows how the Decimal color 6848967 looks on a white background.

Color Contrast Check

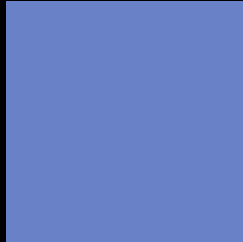
Large Text (above 18pt) WCAG AA ✓ Pass

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 6848967 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 6848967 Background



This preview shows how black text looks on a background with the Decimal color 6848967.

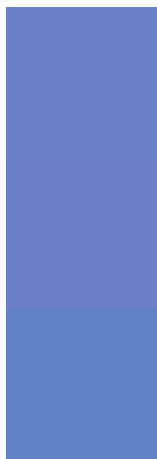


This preview shows how white text looks on a background with the Decimal color 6848967.

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



Original Color
6848967

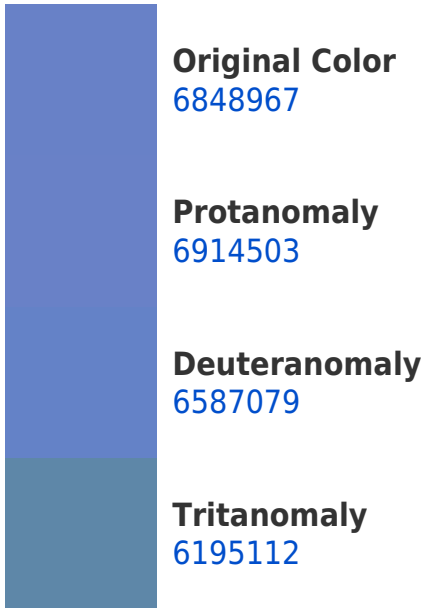
Protanopia
6980039

Deuteranopia
6456007



Tritanopia
5868438

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6848967 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 #6881C7 looks like.

```
.text, #text, p{  
    color:#6881C7  
}
```

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 #6881C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6881C7
}
```

Border

The CSS property to change the border of an element to Decimal 6848967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

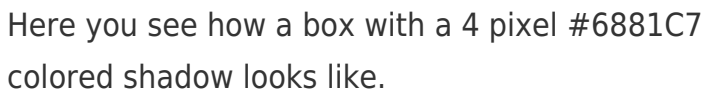
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6881C7 }
```

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

```
.border{ border-color:#6881C7 }
```

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



Here you see how a box with a 4 pixel #6881C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6881C7; -webkit-box-shadow:4px 4px  
4px 4px #6881C7; box-shadow:4px 4px 4px  
4px #6881C7 }
```

Background

The CSS property to change the background color of an element to Decimal 6848967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6881C7 }
```

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

```
.background{ background-color:#6881C7 }
```

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