

Converting Colors

Decimal(6769058)

Have a look what the booklet for
Decimal(6769058) contains.

Decimal(6769058)	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(6769058)

Conversions

Conversions Part 1

Format	Color
Hex	6749A2
RGB	103, 73, 162
RGB Percent	40%, 29%, 64%
CMY	0.5961, 0.7137, 0.3647
CMYK	0.36, 0.55, 0.00, 0.36
HSL	260°, 38%, 46%
HSV	260°, 55%, 64%
XYZ	14.4976, 10.2573, 35.3982
YIQ	92.1160, -10.6890, 34.0390

Conversions

Conversions Part 2

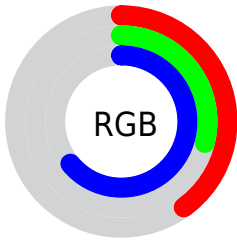
Format	Color
R_{YB}	103, 73, 162
Decimal	6769058
CIE _{Lab}	38.30, 33.10, -43.90
CIE _{LCh}	38, 54.979, 307.014
Yxy	10.2573, 0.2410, 0.1705
Android (android.graphics.Color)	4284959138 (0xFF6749A2)
YUV	92.1160, 34.4528, 9.5453
Hunter-Lab	32.0270, 24.7543, -43.1120

Details

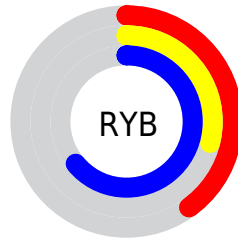
The Decimal color **6769058** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8692297**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **10320857**, and **3283822** is the 20% darker color. If you saturate the color by 10%, you get **6044066**, and if you desaturate by 10%, it is **7494050**.

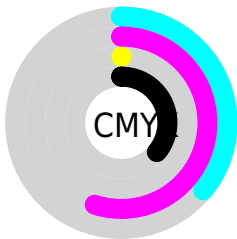
Distribution



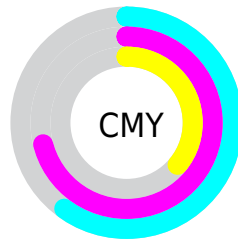
- Red (40%)
- Green (29%)
- Blue (64%)



- Red (40%)
- Yellow (29%)
- Blue (64%)



- Cyan (36%)
- Magenta (55%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6769058 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 6769058 by changing the saturation by 10% instead.

6769058

6769058

16777215

5059207

10320857

3283822

12162550

1377621

14070015

61

15977471

806

16771071

271

0

6769058

6769058

6044066

7494050

■ 5384610

■ 8153506

■ 4659362

■ 8878754

■ 3934370

■ 9603746

■ 3604642

■ 10328738

■ 10988194

■ 11713186

■ 12438434

■ 13163426

Harmonies

Analogous

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



23731



6769058



9908606

Triad

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



6769058



8932096



28260

Complementary

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



6769058



8692297

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.



27701



6769058



6577152

Square

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



6769058



10564903



3433985



28047

Rectangle

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



6769058



10823265



3433985



27988

Sweetspot

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



6769058



12432084



4818082



6182763



15461355



7039851

Same Dimension

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



6769058



7817428



9652642



4999506



3211409



393234

Inverse Universe

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



10635652



13912229



5808713



5392719



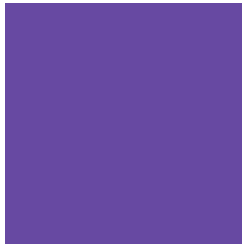
9502816



1179660

Previews

White Background



This preview shows how the Decimal color 6769058 looks on a white background.

Color Contrast Check

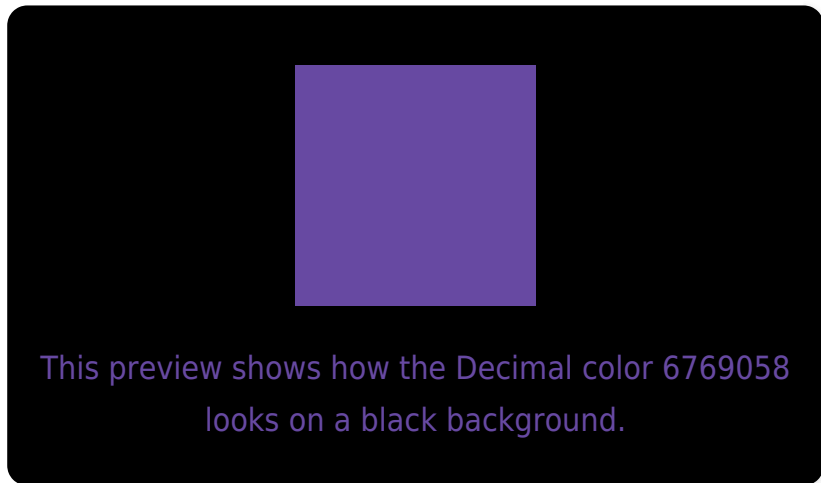
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

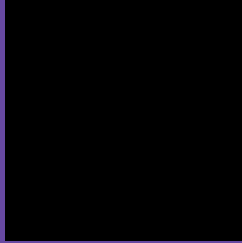
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 6769058 Background



This preview shows how black text looks on a background with the Decimal color 6769058.

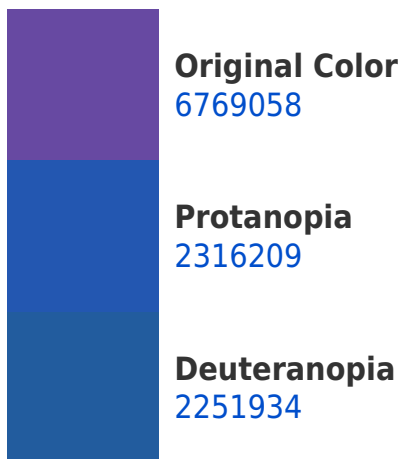



This preview shows how white text looks on a background with the Decimal color 6769058.

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
5855841

Trichromacy



Original Color
6769058

Protanomaly
3953324

Deuteranomaly
3888543

Tritanomaly
6182009

Monochromacy



Original Color
6769058

Achromatopsia
6052956

Achromatomaly
6313333

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6769058 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 #6749A2 looks like.

```
.text, #text, p{  
    color:#6749A2  
}
```

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 #6749A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6749A2
}
```

Border

The CSS property to change the border of an element to Decimal 6769058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

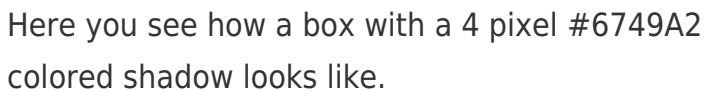
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6749A2 }
```

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

```
.border{ border-color:#6749A2 }
```

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



Here you see how a box with a 4 pixel #6749A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6749A2; -webkit-box-shadow:4px 4px  
4px 4px #6749A2; box-shadow:4px 4px 4px  
4px #6749A2 }
```

Background

The CSS property to change the background color of an element to Decimal 6769058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6749A2 }
```

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

```
.background{ background-color:#6749A2 }
```

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