

# Converting Colors

Decimal(6843809)

Have a look what the booklet for  
Decimal(6843809) contains.

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# Color

**Decimal(6843809)**

# Conversions

## Conversions Part 1

Format	Color
Hex	686DA1
RGB	104, 109, 161
RGB Percent	41%, 43%, 63%
CMY	0.5922, 0.5725, 0.3686
CMYK	0.35, 0.32, 0.00, 0.37
HSL	235°, 23%, 52%
HSV	235°, 35%, 63%
XYZ	17.6106, 16.4535, 35.9659
YIQ	113.4330, -19.6720, 15.1120

# Conversions

## Conversions Part 2

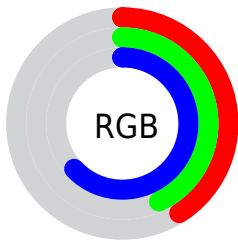
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 109, 161
Decimal	6843809
CIELab	47.56, 11.06, -28.66
CIELCh	48, 30.721, 291.108
Yxy	16.4535, 0.2515, 0.2349
Android (android.graphics.Color)	4285033889 (0xFF686DA1)
YUV	113.4330, 23.4505, -8.2727
Hunter-Lab	40.5630, 6.5113, -24.1765

# Details

The Decimal color **6843809** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10591336**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **10330328**, and **3554925** is the 20% darker color. If you saturate the color by 10%, you get **5791393**, and if you desaturate by 10%, it is **7896225**.

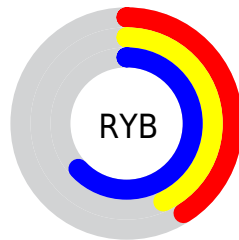
# Distribution



Red (41%)

Green (43%)

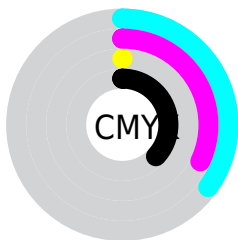
Blue (63%)



Red (41%)

Yellow (43%)

Blue (63%)

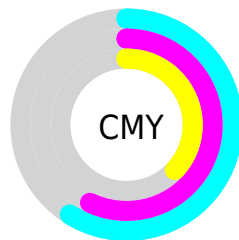


Cyan (35%)

Magenta (32%)

Yellow (0%)

Black (37%)



Cyan (59%)

Magenta (57%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6843809 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 6843809 by changing the saturation by 10% instead.





6843809



6843809

16777215



5199239



10330328



3554925



12106741



1845333



13948927



5181



15856639



551



272



0



6843809



6843809



5791393



7896225

■ 4739233

■ 8948385

■ 3686817

■ 10000801

■ 2634401

■ 11053217

■ 1516705

■ 12105377

■ 464289

■ 13223329

■ 3745

■ 14275745

■ 15328161

■ 16380321

# Harmonies

## Analogous

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



3831460



6843809



9069458

# Triad

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



6843809



10183754



2915944

# Complementary

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



6843809



10591336

# 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.



5339983



6843809



8940861

# Square

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



6843809



10706272



7304511



32387

# Rectangle

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



6843809



10051458



7304511



3833183



# Sweetspot

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



6843809



12238033



6857115



5987433



15263976



6908265



# Same Dimension

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



6843809



7963089



8349857



4803154



3473



530



# Inverse Universe

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



10578029



13728129



9085288



5392714



9502733



1179650



# Previews

## White Background



This preview shows how the Decimal color 6843809 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



This preview shows how the Decimal color 6843809 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

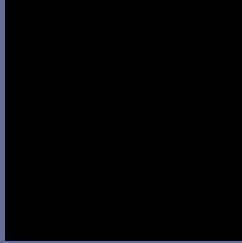
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6843809 Background



This preview shows how black text looks on a background with the Decimal color 6843809.

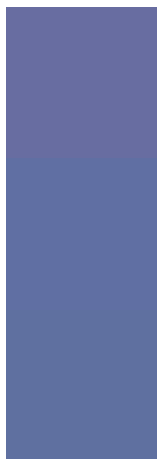


This preview shows how white text looks on a background with the Decimal color 6843809.

# 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**  
6843809

**Protanopia**  
6320035

**Deuteranopia**  
6254752



**Tritanopia**  
6321277

# Trichromacy



**Original Color**  
6843809

**Protanomaly**  
6516386

**Deuteranomaly**  
6451104

**Tritanomaly**  
6517130

# Monochromacy



**Original Color**  
6843809

**Achromatopsia**  
7434609

**Achromatomaly**  
7237762

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6843809 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 #686DA1 looks like.

```
.text, #text, p{  
  color:#686DA1  
}
```

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 #686DA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686DA1
}
```

## Border

The CSS property to change the border of an element to Decimal 6843809 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
#686DA1 }
```

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

```
.border{ border-color:#686DA1 }
```

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

Here you see how a box with a 4 pixel #686DA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686DA1; -webkit-box-shadow:4px 4px  
4px 4px #686DA1; box-shadow:4px 4px 4px  
4px #686DA1 }
```

# Background

The CSS property to change the background color of an element to Decimal 6843809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686DA1 }
```

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

```
.background{ background-color:#686DA1 }
```

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](#).



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