

# Converting Colors

Decimal(6843291)

Have a look what the booklet for  
Decimal(6843291) contains.

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# Color

**Decimal(6843291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	686B9B
RGB	104, 107, 155
RGB Percent	41%, 42%, 61%
CMY	0.5922, 0.5804, 0.3922
CMYK	0.33, 0.31, 0.00, 0.39
HSL	236°, 20%, 51%
HSV	236°, 33%, 61%
XYZ	16.8830, 15.8250, 33.1750
YIQ	111.5750, -17.1960, 14.2920

# Conversions

## Conversions Part 2

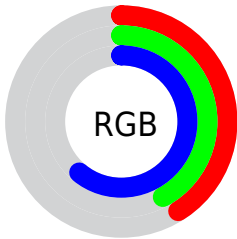
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 107, 155
Decimal	6843291
CIELab	46.74, 10.62, -26.40
CIELCh	47, 28.455, 291.907
Yxy	15.8250, 0.2563, 0.2402
Android (android.graphics.Color)	4285033371 (0xFF686B9B)
YUV	111.5750, 21.4085, -6.6433
Hunter-Lab	39.7807, 6.1397, -21.5984

# Details

The Decimal color **6843291** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10197096**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **10329810**, and **3554408** is the 20% darker color. If you saturate the color by 10%, you get **5856411**, and if you desaturate by 10%, it is **7895707**.

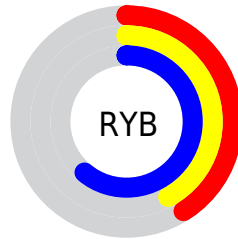
# Distribution



Red (41%)

Green (42%)

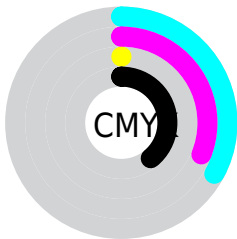
Blue (61%)



Red (41%)

Yellow (42%)

Blue (61%)

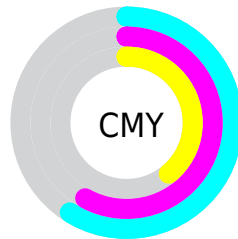


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (39%)



Cyan (59%)

Magenta (58%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6843291 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 6843291 by changing the saturation by 10% instead.





6843291



6843291

16777215



5198721



10329810



3554408



12106222



1975887



13948415



201272



15856127



546



9



0



6843291



6843291



5856411



7895707

■ 4804251

■ 8882331

■ 3751835

■ 9934747

■ 2765211

■ 10921371

■ 1712795

■ 11908251

■ 725915

■ 12960667

■ 2459

■ 14012827

■ 14999707

■ 15986331

# Harmonies

## Analogous

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



4223902



6843291



8872589

# Triad

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



6843291



9790282



3242855

# Complementary

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



6843291



10197096

# 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.



5339217



6843291



8678207

# Square

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



6843291



10313054



7172930



293760

# Rectangle

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



6843291



9723518



7172930



3963487



# Sweetspot

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



6843291



11908809



6855576



5921382



15132390



6710886



# Same Dimension

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



6843291



8093897



8284315



4539725



2188



269



# Inverse Universe

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



10184811



13204352



8756072



5064005



9175048

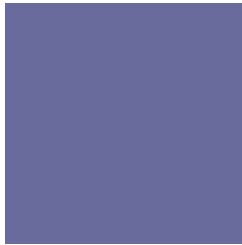


851969



# Previews

## White Background



This preview shows how the Decimal color 6843291 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 6843291 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 6843291 Background



This preview shows how black text looks on a background with the Decimal color 6843291.



This preview shows how white text looks on a background with the Decimal color 6843291.

# 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**  
6843291

**Protanopia**  
6319517

**Deuteranopia**  
6319514



**Tritanopia**  
6386042

# Trichromacy



**Original Color**  
6843291

**Protanomaly**  
6515868

**Deuteranomaly**  
6515866

**Tritanomaly**  
6582150

# Monochromacy



**Original Color**  
6843291

**Achromatopsia**  
7368816

**Achromatomaly**  
7171712

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6843291 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 #686B9B looks like.

```
.text, #text, p{  
    color:#686B9B  
}
```

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 #686B9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686B9B
}
```

## Border

The CSS property to change the border of an element to Decimal 6843291 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
#686B9B }
```

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

```
.border{ border-color:#686B9B }
```

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

Here you see how a box with a 4 pixel #686B9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686B9B; -webkit-box-shadow:4px 4px  
4px 4px #686B9B; box-shadow:4px 4px 4px  
4px #686B9B }
```

# Background

The CSS property to change the background color of an element to Decimal 6843291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686B9B }
```

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

```
.background{ background-color:#686B9B }
```

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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