

Converting Colors

Decimal(6843618)

Have a look what the booklet for
Decimal(6843618) contains.

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Color

Decimal(6843618)

Conversions

Conversions Part 1

Format	Color
Hex	686CE2
RGB	104, 108, 226
RGB Percent	41%, 42%, 89%
CMY	0.5922, 0.5765, 0.1137
CMYK	0.54, 0.52, 0.00, 0.11
HSL	238°, 68%, 65%
HSV	238°, 54%, 89%
XYZ	24.7989, 19.1592, 74.3425
YIQ	120.2560, -40.2620, 35.8500

Conversions

Conversions Part 2

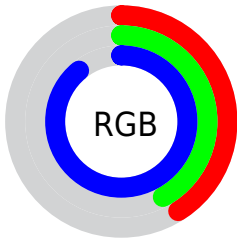
Format	Color
RYB	104, 108, 226
Decimal	6843618
CIELab	50.87, 31.25, -60.81
CIELCh	51, 68.375, 297.199
Yxy	19.1592, 0.2096, 0.1620
Android (android.graphics.Color)	4285033698 (0xFF686CE2)
YUV	120.2560, 52.1318, -14.2565
Hunter-Lab	43.7712, 24.5312, -70.0604

Details

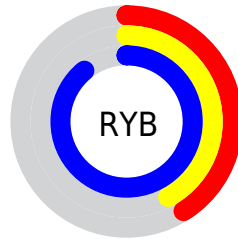
The Decimal color **6843618** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **14868072**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **10723327**, and **2440618** is the 20% darker color. If you saturate the color by 10%, you get **5330658**, and if you desaturate by 10%, it is **8356578**.

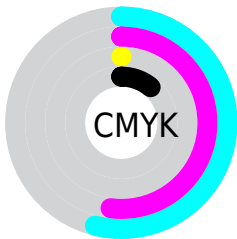
Distribution



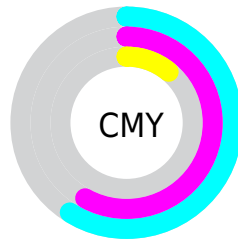
- Red (41%)
- Green (42%)
- Blue (89%)



- Red (41%)
- Yellow (42%)
- Blue (89%)



- Cyan (54%)
- Magenta (52%)
- Yellow (0%)
- Black (11%)



- Cyan (59%)
- Magenta (58%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6843618 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 6843618 by changing the saturation by 10% instead.

■ 6843618

■ 6843618

16777215

■ 4805830

■ 10723327

■ 2440618

■ 12630783

■ 10127

■ 14604031

■ 5236

■ 16577535

■ 91

■ 1858

■ 811

■ 278

■ 0

■ 6843618

■ 6843618

■ 5330658

■ 8356578

■ 3883234

■ 9804002

■ 2370274

■ 11316962

■ 923106

■ 12764130

■ 2018

■ 14277090

■ 15790050

■ 16777186

Harmonies

Analogous

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



33519



6843618



12144057

Triad

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



6843618



12737547



37490

Complementary

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



6843618



14868072

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.



36405



6843618



9925888

Square

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



6843618



14434120



6194432



37805

Rectangle

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



6843618



13908629



6194432



37213

Sweetspot

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



6843618



14080255



6873822



6776960



0



8421504

Same Dimension

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



6843618



5857279



10578146



6645104



1712



560

Inverse Universe

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



14837868



16734559



11133544



7365989



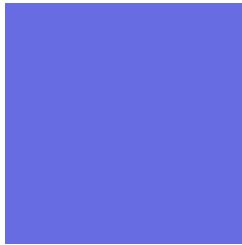
11534342



3145730

Previews

White Background



This preview shows how the Decimal color 6843618 looks on a white background.

Color Contrast Check

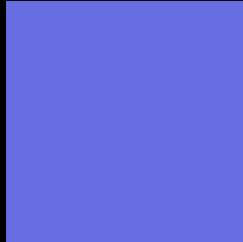
Large Text (above 18pt) WCAG AA ✓ Pass

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 6843618 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 6843618 Background



This preview shows how black text looks on a background with the Decimal color 6843618.

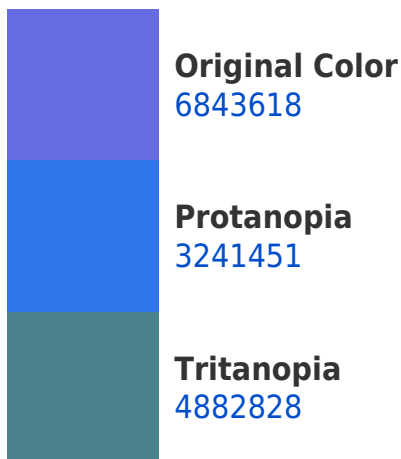


This preview shows how white text looks on a background with the Decimal color 6843618.

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



Trichromacy



Original Color
6843618

Protanomaly
4551400

Tritanomaly
5601707

Monochromacy



Original Color
6843618

Achromatopsia
7895160

Achromatomaly
7500959

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6843618 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 #686CE2 looks like.

```
.text, #text, p{  
  color:#686CE2  
}
```

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 #686CE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686CE2
}
```

Border

The CSS property to change the border of an element to Decimal 6843618 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
#686CE2 }
```

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

```
.border{ border-color:#686CE2 }
```

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

Here you see how a box with a 4 pixel #686CE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686CE2; -webkit-box-shadow:4px 4px  
4px 4px #686CE2; box-shadow:4px 4px 4px  
4px #686CE2 }
```

Background

The CSS property to change the background color of an element to Decimal 6843618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686CE2 }
```

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

```
.background{ background-color:#686CE2 }
```

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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