

Converting Colors

Decimal(6842538)

Have a look what the booklet for
Decimal(6842538) contains.

Decimal(6842538)	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(6842538)

Conversions

Conversions Part 1

Format	Color
Hex	6868AA
RGB	104, 104, 170
RGB Percent	41%, 41%, 67%
CMY	0.5922, 0.5922, 0.3333
CMYK	0.39, 0.39, 0.00, 0.33
HSL	240°, 28%, 54%
HSV	240°, 39%, 67%
XYZ	17.9149, 15.7460, 40.1253
YIQ	111.5240, -21.1860, 20.5260

Conversions

Conversions Part 2

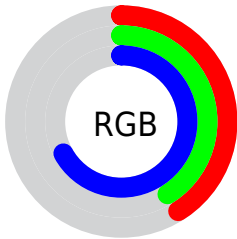
Format	Color
RYB	104, 104, 170
Decimal	6842538
CIELab	46.64, 16.68, -35.39
CIELCh	47, 39.124, 295.237
Yxy	15.7460, 0.2428, 0.2134
Android (android.graphics.Color)	4285032618 (0xFF6868AA)
YUV	111.5240, 28.8287, -6.5985
Hunter-Lab	39.6812, 11.1456, -32.1767

Details

The Decimal color **6842538** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11184744**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **10394594**, and **3422581** is the 20% darker color. If you saturate the color by 10%, you get **5724074**, and if you desaturate by 10%, it is **7961002**.

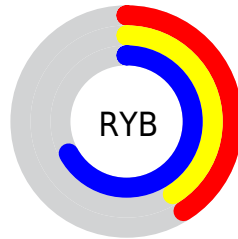
Distribution



Red (41%)

Green (41%)

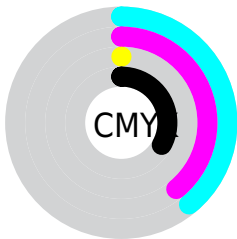
Blue (67%)



Red (41%)

Yellow (41%)

Blue (67%)

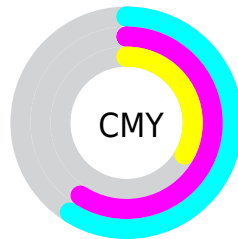


Cyan (39%)

Magenta (39%)

Yellow (0%)

Black (33%)



Cyan (59%)

Magenta (59%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6842538 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 6842538 by changing the saturation by 10% instead.



6842538



6842538

16777215



5132431



10394594



3422581



12171006



1647708



14078463



4164



15986431



558



280



0



6842538



6842538



5724074



7961002

■ 4605610

■ 9079466

■ 3487146

■ 10197930

■ 2368682

■ 11316394

■ 1250218

■ 12434858

■ 131754

■ 13553322

■ 170

■ 14671786

■ 15790250

■ 16777130

Harmonies

Analogous

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



1733808



6842538



9591700

Triad

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



6842538



10379065



32616

Complementary

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



6842538



11184744

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.



4029256



6842538



8809259

Square

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



6842538



11228500



6714672



32650

Rectangle

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



6842538



10704000



6714672



556637

Sweetspot

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



6842538



12829662



6859434



6316144



15790320



7368816

Same Dimension

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



6842538



7763678



9005226



5000276



148



20

Inverse Universe

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



11167914



14579422



9022056



5524564



9699476



1310740

Previews

White Background



This preview shows how the Decimal color 6842538 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 6842538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

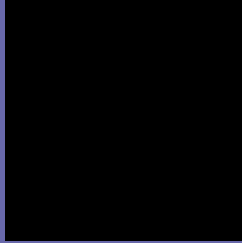
Any Text WCAG AA × Fail

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 6842538 Background



This preview shows how black text looks on a background with the Decimal color 6842538.

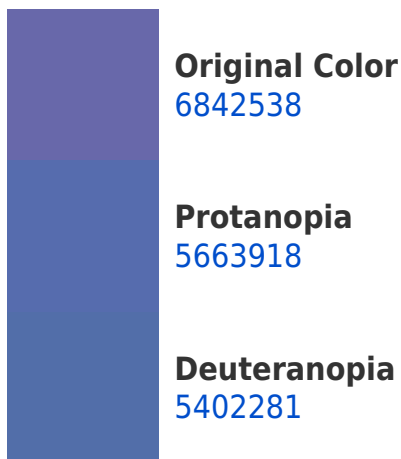


This preview shows how white text looks on a background with the Decimal color 6842538.

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
6842538

Protanomaly
6122413

Deuteranomaly
5926057

Tritanomaly
6385292

Monochromacy



Original Color
6842538

Achromatopsia
7368816

Achromatomaly
7171461

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6842538 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 #6868AA looks like.

```
.text, #text, p{  
    color:#6868AA  
}
```

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 #6868AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6868AA
}
```

Border

The CSS property to change the border of an element to Decimal 6842538 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
#6868AA }
```

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

```
.border{ border-color:#6868AA }
```

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

Here you see how a box with a 4 pixel #6868AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6868AA; -webkit-box-shadow:4px 4px  
4px 4px #6868AA; box-shadow:4px 4px 4px  
4px #6868AA }
```

Background

The CSS property to change the background color of an element to Decimal 6842538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6868AA }
```

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

```
.background{ background-color:#6868AA }
```

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