

Converting Colors

Decimal(8813235)

Have a look what the booklet for
Decimal(8813235) contains.

Decimal(8813235)	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(8813235)

Conversions

Conversions Part 1

Format	Color
Hex	867AB3
RGB	134, 122, 179
RGB Percent	53%, 48%, 70%
CMY	0.4745, 0.5216, 0.2980
CMYK	0.25, 0.32, 0.00, 0.30
HSL	253°, 27%, 59%
HSV	253°, 32%, 70%
XYZ	24.9277, 22.2421, 45.6271
YIQ	132.0860, -11.1450, 20.2710

Conversions

Conversions Part 2

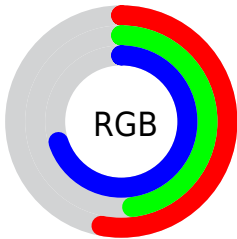
Format	Color
R_{YB}	134, 122, 179
Decimal	8813235
CIE _{Lab}	54.28, 17.11, -28.49
CIE _{LCh}	54, 33.228, 300.985
Yxy	22.2421, 0.2686, 0.2397
Android (android.graphics.Color)	4287003315 (0xFF867AB3)
YUV	132.0860, 23.1286, 1.6786
Hunter-Lab	47.1615, 11.8155, -24.3480

Details

The Decimal color **8813235** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10990458**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **12365547**, and **5458302** is the 20% darker color. If you saturate the color by 10%, you get **7891123**, and if you desaturate by 10%, it is **9735347**.

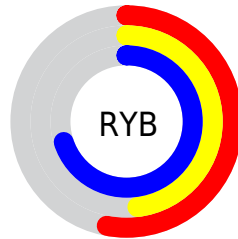
Distribution



Red (53%)

Green (48%)

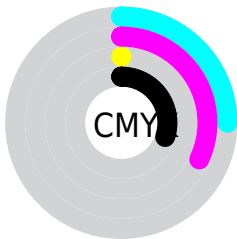
Blue (70%)



Red (53%)

Yellow (48%)

Blue (70%)

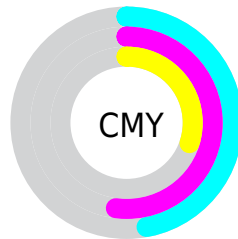


Cyan (25%)

Magenta (32%)

Yellow (0%)

Black (30%)



Cyan (47%)

Magenta (52%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8813235 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 8813235 by changing the saturation by 10% instead.

■ 8813235

■ 8813235

16777215

■ 7102872

■ 12365547

■ 5458302

■ 14207743

■ 3814245

■ 16115455

■ 2235981

■ 788022

■ 544

■ 3

■ 0

■ 8813235

■ 8813235

7891123

9735347

6969011

10657459

6046899

11579571

5059251

12567219

4137395

13489075

3215283

14411187

2490547

15333299

16252851

16777139

Harmonies

Analogous

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



5801147



8813235



10973342

Triad

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



8813235



11236944



2527618

Complementary

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



8813235



10990458

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.



5475941



8813235



9666632

Square

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



8813235



12086886



7702863



37022

Rectangle

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



8813235



11824268



7702863



3641464

Sweetspot

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



8813235



14078440



8038579



6973301



16119285



7697781

Same Dimension

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



8813235



10653928



10648243



5394521



2097305



327706

Inverse Universe

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



11762343



15241429



9155450



5853271



10027129



1703956

Previews

White Background



This preview shows how the Decimal color 8813235 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 8813235 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 8813235 Background



This preview shows how black text looks on a background with the Decimal color 8813235.



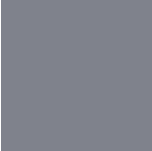
This preview shows how white text looks on a background with the Decimal color 8813235.

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
8356492

Trichromacy



Original Color
8813235

Protanomaly
7896758

Deuteranomaly
8027826

Tritanomaly
8552346

Monochromacy



Original Color
8813235

Achromatopsia
8684676

Achromatomaly
8749205

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8813235 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 #867AB3 looks like.

```
.text, #text, p{  
    color:#867AB3  
}
```

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 #867AB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867AB3
}
```

Border

The CSS property to change the border of an element to Decimal 8813235 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
#867AB3 }
```

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

```
.border{ border-color:#867AB3 }
```

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

Here you see how a box with a 4 pixel #867AB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867AB3; -webkit-box-shadow:4px 4px  
4px 4px #867AB3; box-shadow:4px 4px 4px  
4px #867AB3 }
```

Background

The CSS property to change the background color of an element to Decimal 8813235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867AB3 }
```

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

```
.background{ background-color:#867AB3 }
```

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