

Converting Colors

Decimal(8018611)

Have a look what the booklet for
Decimal(8018611) contains.

Decimal(8018611)	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(8018611)

Conversions

Conversions Part 1

Format	Color
Hex	7A5AB3
RGB	122, 90, 179
RGB Percent	48%, 35%, 70%
CMY	0.5216, 0.6471, 0.2980
CMYK	0.32, 0.50, 0.00, 0.30
HSL	262°, 37%, 53%
HSV	262°, 50%, 70%
XYZ	19.8189, 14.7046, 44.4415
YIQ	109.7140, -9.4970, 34.4630

Conversions

Conversions Part 2

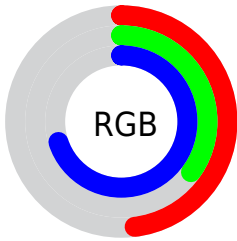
Format	Color
R _Y B	122, 90, 179
Decimal	8018611
CIE Lab	45.23, 32.59, -42.79
CIE LCh	45, 53.787, 307.288
Yxy	14.7046, 0.2510, 0.1862
Android (android.graphics.Color)	4286208691 (0xFF7A5AB3)
YUV	109.7140, 34.1580, 10.7748
Hunter-Lab	38.3465, 25.1488, -41.8712

Details

The Decimal color **8018611** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **9679706**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **11636203**, and **4533118** is the 20% darker color. If you saturate the color by 10%, you get **7293107**, and if you desaturate by 10%, it is **8744115**.

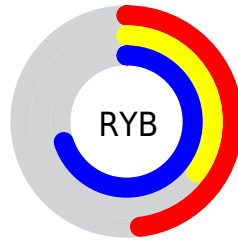
Distribution



Red (48%)

Green (35%)

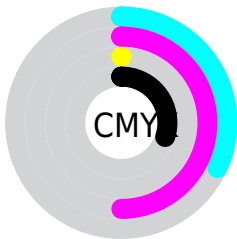
Blue (70%)



Red (48%)

Yellow (35%)

Blue (70%)

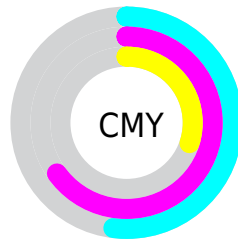


Cyan (32%)

Magenta (50%)

Yellow (0%)

Black (30%)



Cyan (52%)

Magenta (65%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8018611 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 8018611 by changing the saturation by 10% instead.

■ 8018611

■ 8018611

16777215

■ 6242968

■ 11636203

■ 4533118

■ 13477887

■ 2823524

■ 15385599

■ 917580

■ 16769023

■ 52

■ 16776447

■ 542

■ 0

■ 8018611

■ 8018611

■ 7293107

■ 8744115

6502067

9535155

5776563

10260659

4985523

11051699

4260275

11776947

4194483

12567987

13293491

14084531

14810035

Harmonies

Analogous

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



28101



8018611



11093391

Triad

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



8018611



10247183



32885

Complementary

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



8018611



9679706

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.



32070



8018611



7826688

Square

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



8018611



11814967



4683547



32672

Rectangle

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



8018611



12074353



4683547



32613

Sweetspot

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



8018611



13813224



5936307



6840437



16119285



7697781

Same Dimension

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



8018611



9395688



10902195



5525593



3604633



589850

Inverse Universe

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



11754131



15228342



6796122



5853270



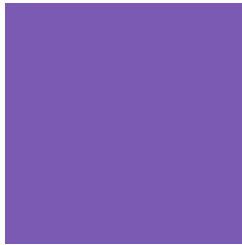
10027106



1703952

Previews

White Background



This preview shows how the Decimal color 8018611 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 8018611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

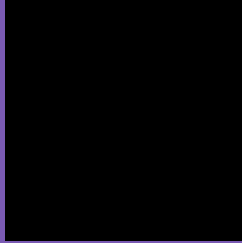
Any Text WCAG AA × Fail

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 8018611 Background



This preview shows how black text looks on a background with the Decimal color 8018611.



This preview shows how white text looks on a background with the Decimal color 8018611.

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
7170674

Trichromacy



Original Color
8018611

Protanomaly
5661628

Deuteranomaly
5662128

Tritanomaly
7496842

Monochromacy



Original Color
8018611

Achromatopsia
7237230

Achromatomaly
7497607

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8018611 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 #7A5AB3 looks like.

```
.text, #text, p{  
    color:#7A5AB3  
}
```

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 #7A5AB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5AB3
}
```

Border

The CSS property to change the border of an element to Decimal 8018611 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
#7A5AB3 }
```

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

```
.border{ border-color:#7A5AB3 }
```

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

Here you see how a box with a 4 pixel #7A5AB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5AB3; -webkit-box-shadow:4px 4px  
4px 4px #7A5AB3; box-shadow:4px 4px 4px  
4px #7A5AB3 }
```

Background

The CSS property to change the background color of an element to Decimal 8018611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5AB3 }
```

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

```
.background{ background-color:#7A5AB3 }
```

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