

Converting Colors

Decimal(8211123)

Have a look what the booklet for
Decimal(8211123) contains.

| | |
|--|----|
| Decimal(8211123) | 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(8211123)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7D4AB3 |
| RGB | 125, 74, 179 |
| RGB Percent | 49%, 29%, 70% |
| CMY | 0.5098, 0.7098, 0.2980 |
| CMYK | 0.30, 0.59, 0.00, 0.30 |
| HSL | 269°, 42%, 50% |
| HSV | 269°, 59%, 70% |
| XYZ | 19.0429, 12.5122, 44.0593 |
| YIQ | 101.2190, -3.3090, 43.4670 |

Conversions

Conversions Part 2

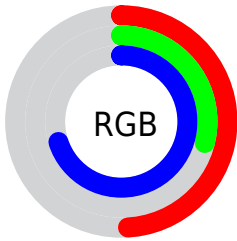
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 125, 74, 179 |
| Decimal | 8211123 |
| CIE Lab | 42.02, 42.49, -47.90 |
| CIE LCh | 42, 64.029, 311.578 |
| Yxy | 12.5122, 0.2518, 0.1655 |
| Android (android.graphics.Color) | 4286401203 (0xFF7D4AB3) |
| YUV | 101.2190, 38.3460, 20.8559 |
| Hunter-Lab | 35.3726, 34.1938, -49.0894 |

Details

The Decimal color **8211123** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8434506**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **11894251**, and **4659581** is the 20% darker color. If you saturate the color by 10%, you get **7616691**, and if you desaturate by 10%, it is **8805555**.

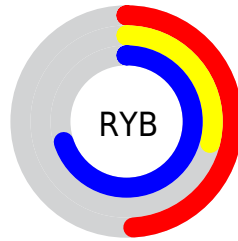
Distribution



Red (49%)

Green (29%)

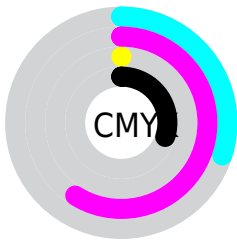
Blue (70%)



Red (49%)

Yellow (29%)

Blue (70%)

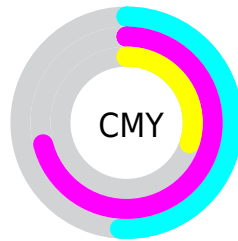


Cyan (30%)

Magenta (59%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (71%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8211123 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 8211123 by changing the saturation by 10% instead.



8211123



8211123

16777215



6435224



11894251



4659581



13735935



2883684



15643647



1179723



16764927



52



16772095



542



0



8211123



8211123



7616691



8805555

7022259

9399987

6362291

10059955

5767859

10654387

5701811

11248819

11842995

12437427

13097395

13691827

Harmonies

Analogous

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



25548



8211123



11479686

Triad

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



8211123



9655296



31351

Complementary

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



8211123



8434506

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.



30783



8211123



6711040

Square

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



8211123



11680030



2454016



31145

Rectangle

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



8211123



12393571



2454016



31333

Sweetspot

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



8211123



13876968



4882611



6839157



16119285



7697781

Same Dimension

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



8211123



9783016



11618995



5591129



4849817



786458

Inverse Universe

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



11750016



15222425



5026634



5853269



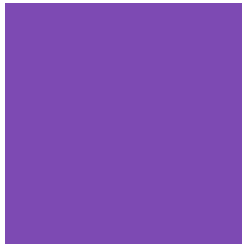
10027087



1703949

Previews

White Background



This preview shows how the Decimal color 8211123 looks on a white background.

Color Contrast Check

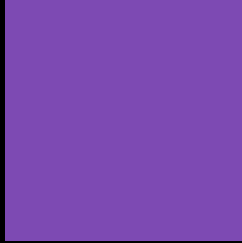
Large Text (above 18pt) WCAG AA ✓ Pass

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 8211123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

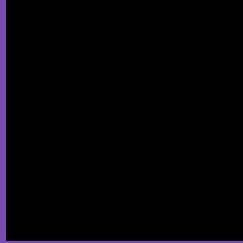
Any Text WCAG AA × Fail

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 8211123 Background



This preview shows how black text looks on a background with the Decimal color 8211123.

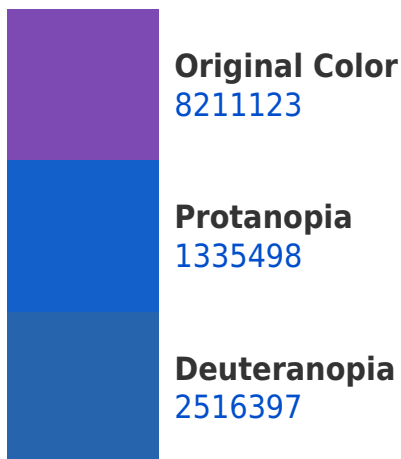



This preview shows how white text looks on a background with the Decimal color 8211123.

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
7298918

Trichromacy



Original Color
8211123



Protanomaly
3823810



Deuteranomaly
4610991



Tritanomaly
7624578

Monochromacy



Original Color
8211123



Achromatopsia
6645093



Achromatomaly
7232385

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8211123 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 #7D4AB3 looks like.

```
.text, #text, p{  
    color:#7D4AB3  
}
```

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 #7D4AB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D4AB3
}
```

Border

The CSS property to change the border of an element to Decimal 8211123 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
#7D4AB3 }
```

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

```
.border{ border-color:#7D4AB3 }
```

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

Here you see how a box with a 4 pixel #7D4AB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D4AB3; -webkit-box-shadow:4px 4px  
4px 4px #7D4AB3; box-shadow:4px 4px 4px  
4px #7D4AB3 }
```

Background

The CSS property to change the background color of an element to Decimal 8211123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D4AB3 }
```

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

```
.background{ background-color:#7D4AB3 }
```

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