

Converting Colors

Decimal(8135107)

Have a look what the booklet for
Decimal(8135107) contains.

Decimal(8135107)	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(8135107)

Conversions

Conversions Part 1

Format	Color
Hex	7C21C3
RGB	124, 33, 195
RGB Percent	49%, 13%, 76%
CMY	0.5137, 0.8706, 0.2353
CMYK	0.36, 0.83, 0.00, 0.24
HSL	274°, 71%, 45%
HSV	274°, 83%, 76%
XYZ	18.7064, 9.3129, 52.4414
YIQ	78.6770, 2.2340, 69.6740

Conversions

Conversions Part 2

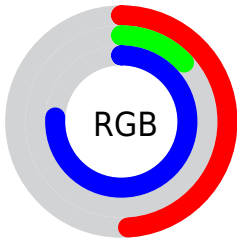
Format	Color
RYB	124, 33, 195
Decimal	8135107
CIELab	36.58, 64.20, -66.12
CIElCh	37, 92.159, 314.158
Yxy	9.3129, 0.2325, 0.1157
Android (android.graphics.Color)	4286325187 (0xFF7C21C3)
YUV	78.6770, 57.3472, 39.7483
Hunter-Lab	30.5171, 56.0120, -80.5236

Details

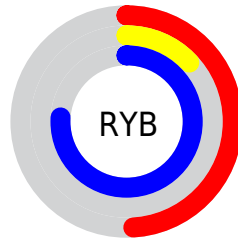
The Decimal color **8135107** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **6865697**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **11951101**, and **4259980** is the 20% darker color. If you saturate the color by 10%, you get **7540163**, and if you desaturate by 10%, it is **8729795**.

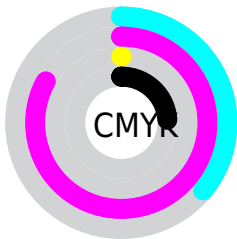
Distribution



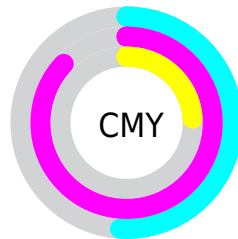
- Red (49%)
- Green (13%)
- Blue (76%)



- Red (49%)
- Yellow (13%)
- Blue (76%)



- Cyan (36%)
- Magenta (83%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (87%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8135107 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 8135107 by changing the saturation by 10% instead.

8135107

8135107

16777215

6226087

11951101

4259980

13924095

2031730

15897343

88

16756479

576

16763647

809

16771071

275

0

8135107

8135107

■ 7540163

■ 8729795

■ 7209155

■ 9259203

■ 9853891

■ 10383299

■ 10978243

■ 11507395

■ 12102339

■ 12631491

■ 13226179

Harmonies

Analogous

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



22250



8135107



12517505

Triad

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



8135107



8995840



29049

Complementary

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



8135107



6865697

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.



28201



8135107



4808192

Square

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



8135107



11993088



27136



29118

Rectangle

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



8135107



13434960



27136



28767

Sweetspot

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



8135107



14794236



2190019



7297408



0



8421504

Same Dimension

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



8135107



9306364



12788155



6117217



5898401



1245217

Inverse Universe

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



12788072



16515183



2212649



6379355



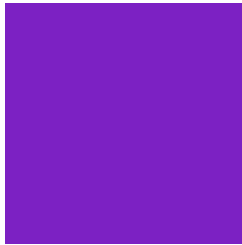
10551366



2162703

Previews

White Background



This preview shows how the Decimal color 8135107 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 ✓ Pass

Black Background



This preview shows how the Decimal color 8135107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

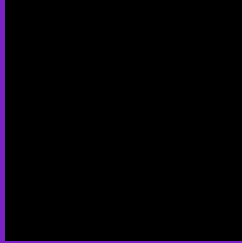
Any Text WCAG AA × Fail

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 8135107 Background



This preview shows how black text looks on a background with the Decimal color 8135107.

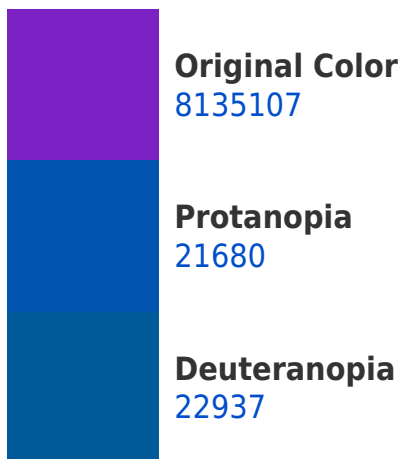



This preview shows how white text looks on a background with the Decimal color 8135107.

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
6771031

Trichromacy



Original Color
8135107



Protanomaly
2965943



Deuteranomaly
2966952



Tritanomaly
7291006

Monochromacy



Original Color
8135107



Achromatopsia
5197647



Achromatomaly
6241913

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8135107 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 #7C21C3 looks like.

```
.text, #text, p{  
  color:#7C21C3  
}
```

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 #7C21C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C21C3
}
```

Border

The CSS property to change the border of an element to Decimal 8135107 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
#7C21C3 }
```

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

```
.border{ border-color:#7C21C3 }
```

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

Here you see how a box with a 4 pixel #7C21C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C21C3; -webkit-box-shadow:4px 4px  
4px 4px #7C21C3; box-shadow:4px 4px 4px  
4px #7C21C3 }
```

Background

The CSS property to change the background color of an element to Decimal 8135107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C21C3 }
```

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

```
.background{ background-color:#7C21C3 }
```

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