

Converting Colors

Decimal(8001023)

Have a look what the booklet for
Decimal(8001023) contains.

Decimal(8001023)	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(8001023)

Conversions

Conversions Part 1

Format	Color
Hex	7A15FF
RGB	122, 21, 255
RGB Percent	48%, 8%, 100%
CMY	0.5216, 0.9176, 0.0000
CMYK	0.52, 0.92, 0.00, 0.00
HSL	266°, 100%, 54%
HSV	266°, 92%, 100%
XYZ	26.3442, 11.8939, 95.5150
YIQ	77.8750, -14.9180, 94.1860

Conversions

Conversions Part 2

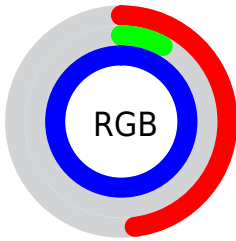
Format	Color
R_{YB}	122, 21, 255
Decimal	8001023
CIE _{Lab}	41.05, 80.11, -93.10
CIE _{LCh}	41, 122.820, 310.711
Yxy	11.8939, 0.1970, 0.0889
Android (android.graphics.Color)	4286191103 (0xFF7A15FF)
YUV	77.8750, 87.3226, 38.6976
Hunter-Lab	34.4875, 75.9987, -140.0654

Details

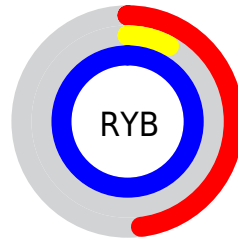
The Decimal color **8001023** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **10157845**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **12212735**, and **3014853** is the 20% darker color. If you saturate the color by 10%, you get **7209215**, and if you desaturate by 10%, it is **8925183**.

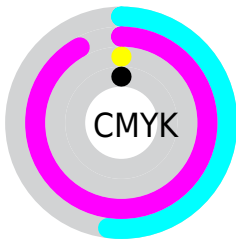
Distribution



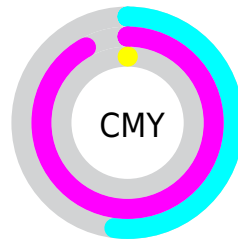
- Red (48%)
- Green (8%)
- Blue (100%)



- Red (48%)
- Yellow (8%)
- Blue (100%)



- Cyan (52%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)





















- Cyan (52%)
- Magenta (92%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8001023 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 8001023 by changing the saturation by 10% instead.

 8001023	 8001023
 16777215	 5767393
 12212735	 3014853
 14317055	 168
 16421631	 141
 16756479	 114
 16763903	 3416
 16771583	 1856
	 809
	 275

■ 8001023

■ 8001023

■ 7209215

■ 8925183

■ 9914623

■ 10838783

■ 11828223

■ 12752127

■ 13741823

■ 14665983

■ 15655423

■ 16579583

Harmonies

Analogous

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



26879



8001023



15138982

Triad

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



8001023



11091712



33156

Complementary

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



8001023



10157845

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.



32270



8001023



5597440

Square

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



8001023



14942208



30976



34022

Rectangle

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



8001023



16646244



30976



32865

Sweetspot

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



8001023



14072063



1416959



6771840



0



8421504

Same Dimension

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



8001023



7209215



15406591



7893888



5439679



1835072

Inverse Universe

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



16717210



16711825



2752277



8418170



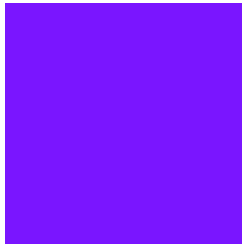
12517485



4194340

Previews

White Background



This preview shows how the Decimal color 8001023 looks on a white background.

Color Contrast Check

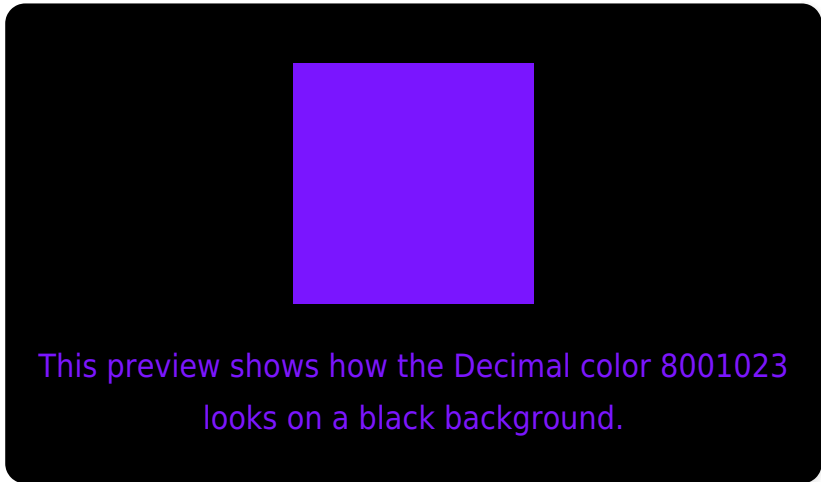
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

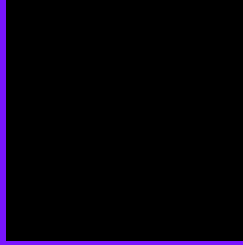
Any Text WCAG AA × Fail

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 8001023 Background



This preview shows how black text looks on a background with the Decimal color 8001023.

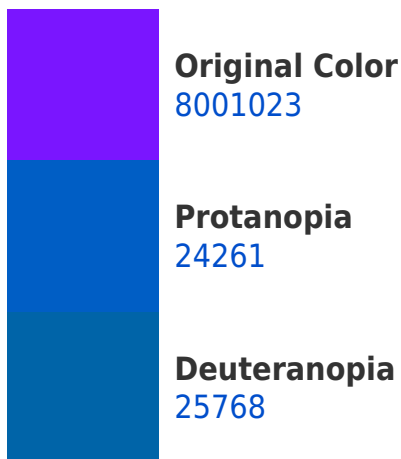


This preview shows how white text looks on a background with the Decimal color 8001023.

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

8001023



Protanomaly

2900954



Deuteranomaly

2901960



Tritanomaly

6113442

Monochromacy



Original Color

8001023



Achromatopsia

5131854



Achromatomaly

6175118

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8001023 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 #7A15FF looks like.

```
.text, #text, p{  
    color:#7A15FF  
}
```

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 #7A15FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A15FF
}
```

Border

The CSS property to change the border of an element to Decimal 8001023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

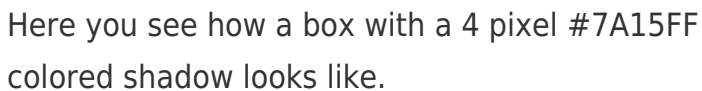
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A15FF }
```

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

```
.border{ border-color:#7A15FF }
```

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



Here you see how a box with a 4 pixel #7A15FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A15FF; -webkit-box-shadow:4px 4px  
4px 4px #7A15FF; box-shadow:4px 4px 4px  
4px #7A15FF }
```

Background

The CSS property to change the background color of an element to Decimal 8001023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A15FF }
```

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

```
.background{ background-color:#7A15FF }
```

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