

Converting Colors

Decimal(8024003)

Have a look what the booklet for
Decimal(8024003) contains.

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Color

Decimal(8024003)

Conversions

Conversions Part 1

Format	Color
Hex	7A6FC3
RGB	122, 111, 195
RGB Percent	48%, 44%, 76%
CMY	0.5216, 0.5647, 0.2353
CMYK	0.37, 0.43, 0.00, 0.24
HSL	248°, 41%, 60%
HSV	248°, 43%, 76%
XYZ	23.5608, 19.4466, 54.1415
YIQ	123.8650, -20.4080, 28.4560

Conversions

Conversions Part 2

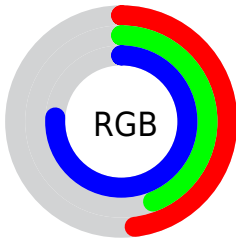
Format	Color
R_{YB}	122, 111, 195
Decimal	8024003
CIE _{Lab}	51.21, 24.41, -42.58
CIE _{LCh}	51, 49.077, 299.827
Yxy	19.4466, 0.2425, 0.2002
Android (android.graphics.Color)	4286214083 (0xFF7A6FC3)
YUV	123.8650, 35.0696, -1.6356
Hunter-Lab	44.0983, 18.1969, -41.9243

Details

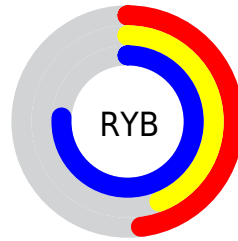
The Decimal color **8024003** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **12108655**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **11641852**, and **4538253** is the 20% darker color. If you saturate the color by 10%, you get **6904771**, and if you desaturate by 10%, it is **9143235**.

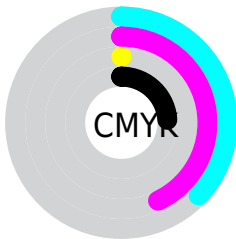
Distribution



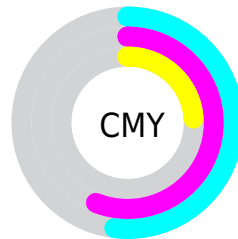
- Red (48%)
- Green (44%)
- Blue (76%)



- Red (48%)
- Yellow (44%)
- Blue (76%)



- Cyan (37%)
- Magenta (43%)
- Yellow (0%)
- Black (24%)



- Cyan (52%)
- Magenta (56%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8024003 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 8024003 by changing the saturation by 10% instead.

■ 8024003

■ 8024003

16777215

■ 6248360

■ 11641852

■ 4538253

■ 13483775

■ 2697587

■ 15391487

■ 333146

■ 16774911

■ 66

■ 811

■ 277

■ 0

■ 8024003

■ 8024003

■ 6904771

■ 9143235

■ 5785795

■ 10262211

■ 4666819

■ 11381443

■ 3547587

■ 12500419

■ 2428611

■ 13619395

■ 1704131

■ 14738627

■ 15857603

■ 16777155

Harmonies

Analogous

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



32718



8024003



11361701

Triad

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



8024003



11626545



36472

Complementary

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



8024003



12108655

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.



2722638



8024003



9467935

Square

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



8024003



12867923



6784044



36515

Rectangle

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



8024003



12539274



6784044



36202

Sweetspot

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



8024003



14736636



7322051



7236480



0



8421504

Same Dimension

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



8024003



9075196



10710979



5789537



1376417



262177

Inverse Universe

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



12808120



16546283



9421679



6379360



10551436



2162717

Previews

White Background



This preview shows how the Decimal color 8024003 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 8024003 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 8024003 Background



This preview shows how black text looks on a background with the Decimal color 8024003.



This preview shows how white text looks on a background with the Decimal color 8024003.

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](#).

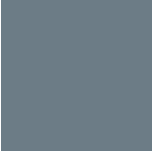
Dichromacy



Original Color
8024003

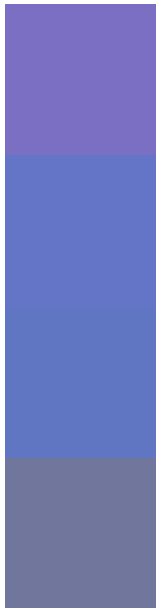
Protanopia
5797834

Deuteranopia
5470913



Tritanopia
7109766

Trichromacy



Original Color
8024003

Protanomaly
6583495

Deuteranomaly
6387394

Tritanomaly
7436188

Monochromacy



Original Color
8024003

Achromatopsia
8158332

Achromatomaly
8091542

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8024003 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 #7A6FC3 looks like.

```
.text, #text, p{  
    color:#7A6FC3  
}
```

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 #7A6FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6FC3  
}
```

Border

The CSS property to change the border of an element to Decimal 8024003 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  
#7A6FC3 }
```

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

```
.border{ border-color:#7A6FC3 }
```

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

Here you see how a box with a 4 pixel #7A6FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6FC3; -webkit-box-shadow:4px 4px  
4px 4px #7A6FC3; box-shadow:4px 4px 4px  
4px #7A6FC3 }
```

Background

The CSS property to change the background color of an element to Decimal 8024003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6FC3 }
```

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

```
.background{ background-color:#7A6FC3 }
```

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](#).

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