

Converting Colors

Decimal(16001023)

Have a look what the booklet for
Decimal(16001023) contains.

Decimal(16001023)	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(16001023)

Conversions

Conversions Part 1

Format	Color
Hex	F427FF
RGB	244, 39, 255
RGB Percent	96%, 15%, 100%
CMY	0.0431, 0.8471, 0.0000
CMYK	0.04, 0.85, 0.00, 0.00
HSL	297°, 100%, 58%
HSV	297°, 85%, 100%
XYZ	56.0837, 27.9041, 97.0378
YIQ	124.9190, 52.8440, 110.6360

Conversions

Conversions Part 2

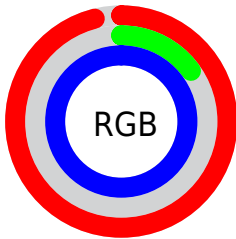
Format	Color
R _Y B	244, 39, 255
Decimal	16001023
CIE Lab	59.80, 92.64, -61.77
CIE LCh	60, 111.349, 326.305
Yxy	27.9041, 0.3098, 0.1541
Android (android.graphics.Color)	4294191103 (0xFFFF427FF)
YUV	124.9190, 64.1299, 104.4340
Hunter-Lab	52.8244, 97.0712, -71.9381

Details

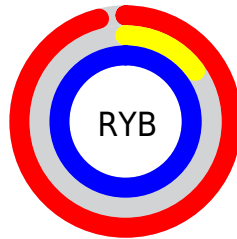
The Decimal color **16001023** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3342119**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16741375**, and **11993285** is the 20% darker color. If you saturate the color by 10%, you get **15929087**, and if you desaturate by 10%, it is **16073215**.

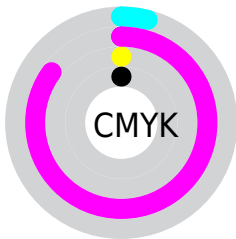
Distribution



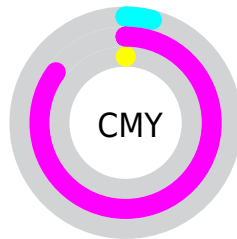
- Red (96%)
- Green (15%)
- Blue (100%)



- Red (96%)
- Yellow (15%)
- Blue (100%)



- Cyan (4%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)



















- Cyan (4%)
- Magenta (85%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16001023 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 16001023 by changing the saturation by 10% instead.

 16001023	 16001023
16777215	 13959394
 16741375	 11993285
 16749311	 10027177
 16757247	 8061070
 16765183	 6094964
 16773119	 4325466
	 2162754
	 42
	 276

 16001023

 16001023

 15929087

 16073215

 15859967

 16210687

 16282879

 16354815

 16427007

 16564479

 16636671

 16708607

16777215

Harmonies

Analogous

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



4226303



16001023



16711841

Triad

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



16001023



12224768



46822

Complementary

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



16001023



3342119

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.



46465



16001023



5743360

Square

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



16001023



16733440



44800



46079

Rectangle

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



16001023



16711777



44800



46789

Sweetspot

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



16001023



16564223



2569727



8280448



0



8421504

Same Dimension

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



16001023



15859967



16721825



8352640



11927743



3997760

Inverse Universe

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



16721714



16711693



2621317



8418163



12517386



4194307

Previews

White Background



This preview shows how the Decimal color 16001023 looks on a white background.

Color Contrast Check

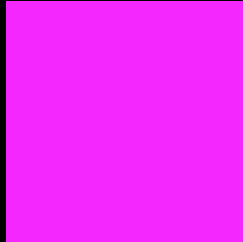
Large Text (above 18pt) WCAG AA ✓ Pass

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 16001023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

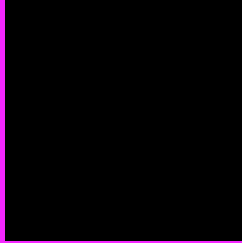
Any Text WCAG AA ✓ Pass

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 16001023 Background



This preview shows how black text looks on a background with the Decimal color 16001023.



This preview shows how white text looks on a background with the Decimal color 16001023.

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
16001023

Protanopia
5803519

Deuteranopia
5214704

Trichromacy



Original Color
16001023



Protanomaly
9529599



Deuteranomaly
9136885



Tritanomaly
15290788

Monochromacy



Original Color
16001023



Achromatopsia
8224125



Achromatomaly
11034284

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16001023 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 #F427FF looks like.

```
.text, #text, p{  
  color:#F427FF  
}
```

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 #F427FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F427FF
}
```

Border

The CSS property to change the border of an element to Decimal 16001023 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
#F427FF }
```

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

```
.border{ border-color:#F427FF }
```

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

Here you see how a box with a 4 pixel #F427FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F427FF; -webkit-box-shadow:4px 4px  
4px 4px #F427FF; box-shadow:4px 4px 4px  
4px #F427FF }
```

Background

The CSS property to change the background color of an element to Decimal 16001023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F427FF }
```

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

```
.background{ background-color:#F427FF }
```

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