

Converting Colors

Decimal(16000946)

Have a look what the booklet for
Decimal(16000946) contains.

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Color

Decimal(16000946)

Conversions

Conversions Part 1

Format	Color
Hex	F427B2
RGB	244, 39, 178
RGB Percent	96%, 15%, 70%
CMY	0.0431, 0.8471, 0.3020
CMYK	0.00, 0.84, 0.27, 0.04
HSL	319°, 90%, 55%
HSV	319°, 84%, 96%
XYZ	46.0696, 23.8985, 44.3042
YIQ	116.1410, 77.5610, 86.6890

Conversions

Conversions Part 2

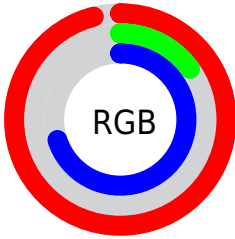
Format	Color
R _Y B	244, 39, 178
Decimal	16000946
CIE _{Lab}	55.99, 82.48, -24.09
CIE _{LCh}	56, 85.923, 343.718
Yxy	23.8985, 0.4032, 0.2091
Android (android.graphics.Color)	4294191026 (0xFFFF427B2)
YUV	116.1410, 30.4965, 112.1323
Hunter-Lab	48.8861, 82.6655, -19.5128

Details

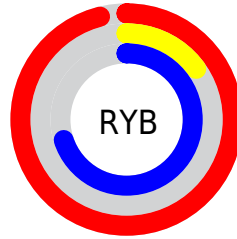
The Decimal color **16000946** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **2618473**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **16740330**, and **11993213** is the 20% darker color. If you saturate the color by 10%, you get **15994794**, and if you desaturate by 10%, it is **16007098**.

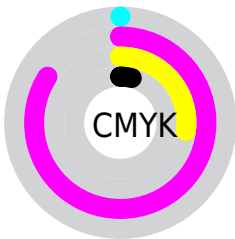
Distribution



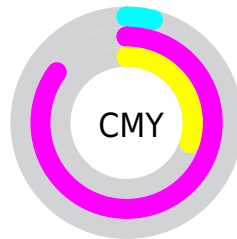
- Red (96%)
- Green (15%)
- Blue (70%)



- Red (96%)
- Yellow (15%)
- Blue (70%)



- Cyan (0%)
- Magenta (84%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (85%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16000946 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 16000946 by changing the saturation by 10% instead.

 16000946

 16000946

16777215

 13959319

 16740330

 11993213


 16748287

 10027108

 16756223

 8061004

 16763903

 6160437

 16771583

 4259871

 2359297

 0

 16000946

 16000946

■ 15994794

■ 16007098

■ 15990949

■ 16013506

■ 16019658

■ 16026065

■ 16032217

■ 16038369

■ 16044777

■ 16050929

■ 16056313

Harmonies

Analogous

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



11624180



16000946



16715624

Triad

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



16000946



8621568



42221

Complementary

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



16000946



2618473

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.



42664



16000946



1154048

Square

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



16000946



12874752



41817



39679

Rectangle

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



16000946



16529720



41817



42456

Sweetspot

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



16000946



16760810



6825972



8411507



0



8421504

Same Dimension

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



16000946



16711853



16000845



8023670



12189822



3866664

Inverse Universe

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



16000946



16711853



2618574



8023670



12189822



3866664

Previews

White Background



This preview shows how the Decimal color 16000946 looks on a white background.

Color Contrast Check

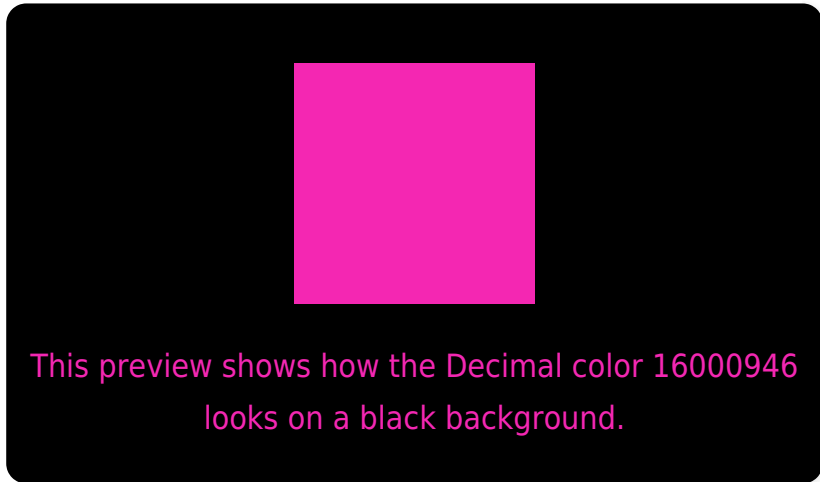
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 16000946 Background



This preview shows how black text looks on a background with the Decimal color 16000946.



This preview shows how white text looks on a background with the Decimal color 16000946.

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
16000946



Protanomaly
9069277



Deuteranomaly
11297451



Tritanomaly
15744884

Monochromacy



Original Color
16000946



Achromatopsia
7631988



Achromatomaly
10705035

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16000946 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 #F427B2 looks like.

```
.text, #text, p{  
    color:#F427B2  
}
```

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 #F427B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F427B2
}
```

Border

The CSS property to change the border of an element to Decimal 16000946 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
#F427B2 }
```

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

```
.border{ border-color:#F427B2 }
```

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

Here you see how a box with a 4 pixel #F427B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F427B2; -webkit-box-shadow:4px 4px  
4px 4px #F427B2; box-shadow:4px 4px 4px  
4px #F427B2 }
```

Background

The CSS property to change the background color of an element to Decimal 16000946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F427B2 }
```

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

```
.background{ background-color:#F427B2 }
```

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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