

Converting Colors

Decimal(16180476)

Have a look what the booklet for
Decimal(16180476) contains.

Decimal(16180476)	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(16180476)

Conversions

Conversions Part 1	
Format	Color
Hex	F6E4FC
RGB	246, 228, 252
RGB Percent	96%, 89%, 99%
CMY	0.0353, 0.1059, 0.0118
CMYK	0.02, 0.10, 0.00, 0.01
HSL	285°, 80%, 94%
HSV	285°, 10%, 99%
XYZ	83.3201, 82.1079, 103.5524
YIQ	236.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

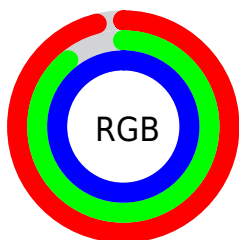
Format	Color
RYB	246, 228, 252
Decimal	16180476
CIELab	92.62, 10.33, -9.40
CIELCh	93, 13.966, 317.688
Yxy	82.1079, 0.3098, 0.3053
Android (android.graphics.Color)	4294370556 (0xFFFF6E4FC)
YUV	236.1180, 7.8298, 8.6665
Hunter-Lab	90.6134, 5.5594, -4.3268

Details

The Decimal color **16180476** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **15400164**, and the grayscale version is **15527148**.

A 20% lighter version of the original color is **16777215**, and **12496323** is the 20% darker color. If you saturate the color by 10%, you get **15780860**, and if you desaturate by 10%, it is **16580092**.

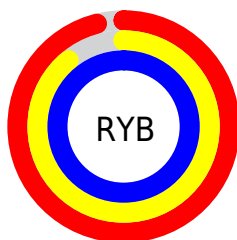
Distribution



Red (96%)

Green (89%)

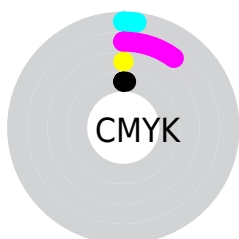
Blue (99%)



Red (96%)

Yellow (89%)

Blue (99%)

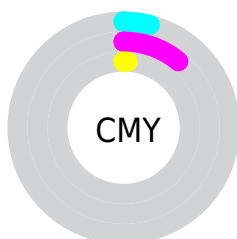


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (4%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16180476 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 16180476 by changing the saturation by 10% instead.

 16180476

 16180476

16777215

 14272735

 12496323

 10719912

 8943758

 7298932

 5654620

 4141380

 2694190

 1442329

 16180476

 16180476

 15780860

 16580092

 15315708

 16777212

 14915836

 14516220

 14116604

 13651452

 13251836

 12851964

 12386812

Harmonies

Analogous

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



15132927



16180476



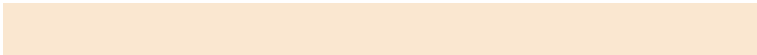
16769520

Triad

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



16180476



16443344



13169393

Complementary

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



16180476



15400164

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.



13627876



16180476



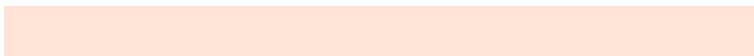
15526864

Square

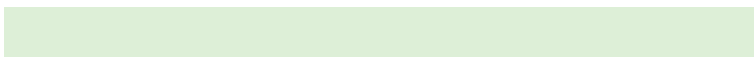
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



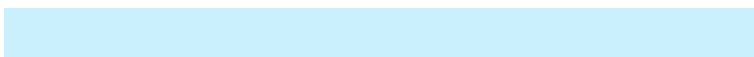
16180476



16770006



14544855



13299965

Rectangle

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



16180476



16769511



14544855



13300461

Sweetspot

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



16180476



16644095



15002364



8288896



0



8421504

Same Dimension

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



16180476



16311295



16573686



8024189



9306301



3014717

Inverse Universe

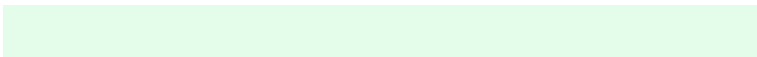
The Inverse Universe completely reimagines the original color for something new.



16573674



16770026



15006954



8220788



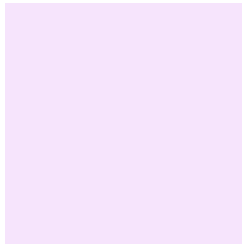
12386351



3997711

Previews

White Background



This preview shows how the Decimal color 16180476 looks on a white background.

Color Contrast Check

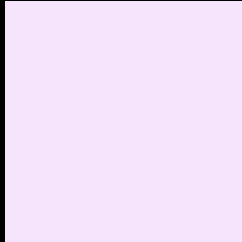
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 16180476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

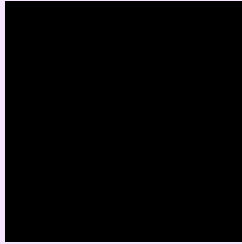
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

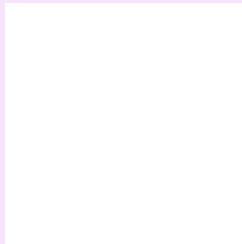
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16180476 Background



This preview shows how black text looks on a background with the Decimal color 16180476.

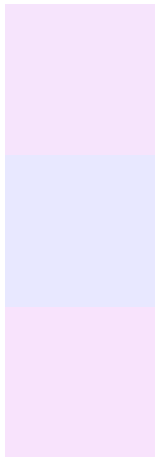


This preview shows how white text looks on a background with the Decimal color 16180476.

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
16180476

Protanopia
15263999

Deuteranopia
16311292



Tritanopia
16115191

Trichromacy

	Original Color 16180476
	Protanomaly 15591422
	Deuteranomaly 16245756
	Tritanomaly 16115193

Monochromacy

	Original Color 16180476
	Achromatopsia 15527148
	Achromatomaly 15788530

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16180476 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 #F6E4FC looks like.

```
.text, #text, p{  
    color:#F6E4FC  
}
```

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 #F6E4FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6E4FC
}
```

Border

The CSS property to change the border of an element to Decimal 16180476 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
#F6E4FC }
```

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

```
.border{ border-color:#F6E4FC }
```

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

Here you see how a box with a 4 pixel #F6E4FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6E4FC; -webkit-box-shadow:4px 4px  
4px 4px #F6E4FC; box-shadow:4px 4px 4px  
4px #F6E4FC }
```

Background

The CSS property to change the background color of an element to Decimal 16180476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6E4FC }
```

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

```
.background{ background-color:#F6E4FC }
```

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