

Converting Colors

Decimal(16117746)

Have a look what the booklet for
Decimal(16117746) contains.

Decimal(16117746)	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(16117746)

Conversions

Conversions Part 1

Format	Color
Hex	F5EFF2
RGB	245, 239, 242
RGB Percent	96%, 94%, 95%
CMY	0.0392, 0.0627, 0.0510
CMYK	0.00, 0.02, 0.01, 0.04
HSL	330°, 23%, 95%
HSV	330°, 2%, 96%
XYZ	84.5497, 87.5563, 96.4482
YIQ	241.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

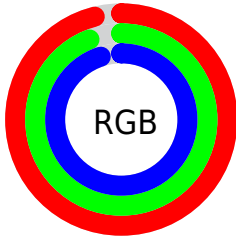
Format	Color
R_{YB}	245, 239, 242
Decimal	16117746
CIE Lab	94.97, 2.53, -0.74
CIE LCh	95, 2.641, 343.673
Yxy	87.5563, 0.3148, 0.3260
Android (android.graphics.Color)	4294307826 (0xFF5EFF2)
YUV	241.1360, 0.4260, 3.3887
Hunter-Lab	93.5715, -2.4605, 4.3873

Details

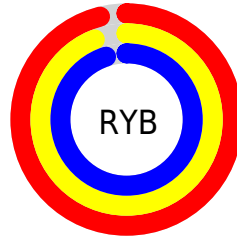
The Decimal color **16117746** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **15726066**, and the grayscale version is **15856113**.

A 20% lighter version of the original color is **16777215**, and **12433338** is the 20% darker color. If you saturate the color by 10%, you get **16111590**, and if you desaturate by 10%, it is **16121854**.

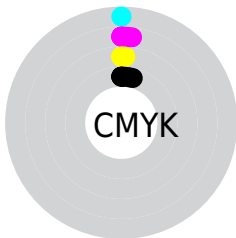
Distribution



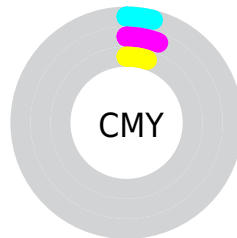
- Red (96%)
- Green (94%)
- Blue (95%)



- Red (96%)
- Yellow (94%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16117746 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 16117746 by changing the saturation by 10% instead.

16117746

16117746

16777215

14275542

12433338

10656927

8946309

7235948

5656915

4143676

2696231

1380114

 16117746

 16117746

 16111590

 16121854

 16105177

 16121855

 16098765

 16092609

 16086197

 16080040

 16073884

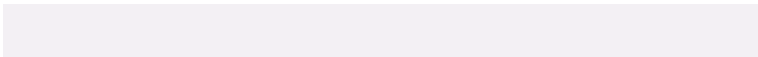
 16067472

 16061316

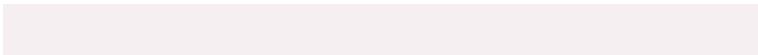
Harmonies

Analogous

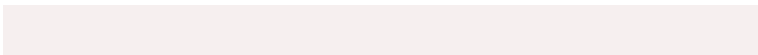
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15986932



16117746



16183279

Triad

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



16117746



15921644



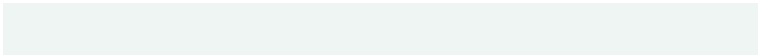
15463156

Complementary

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



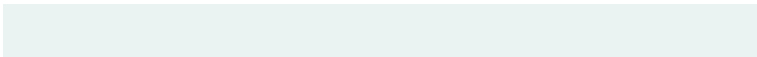
16117746



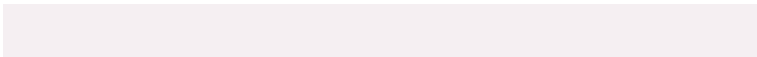
15726066

Split Complementary

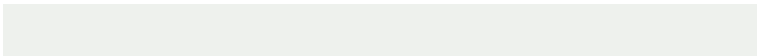
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15463154



16117746



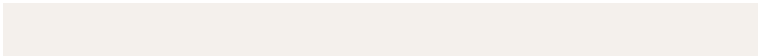
15659501

Square

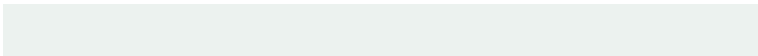
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



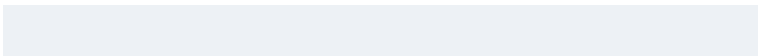
16117746



16052460



15528687



15593973

Rectangle

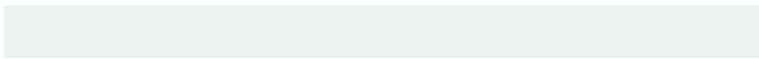
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



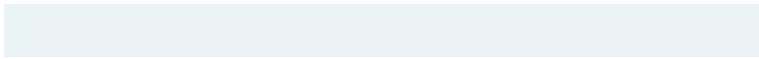
16117746



16183278



15528687



15463155

Sweetspot

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



16117746



16776446



15921141



8420991



0



8421504

Same Dimension

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



16117746



16775163



16117743



8025720



12189789



3866653

Inverse Universe

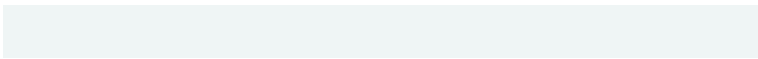
The Inverse Universe completely reimagines the original color for something new.



16117746



16775163



15726069



8025720



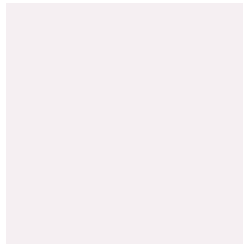
12189789



3866653

Previews

White Background



This preview shows how the Decimal color 16117746 looks on a white background.

Color Contrast Check

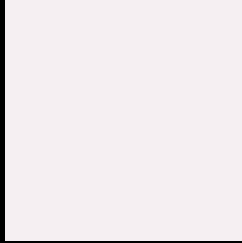
Large Text (above 18pt) WCAG AA × Fail

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 16117746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

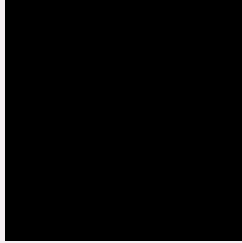
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

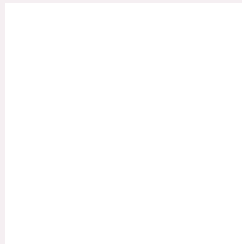
Any Text WCAG AAA ✓ Pass

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

Decimal 16117746 Background



This preview shows how black text looks on a background with the Decimal color 16117746.

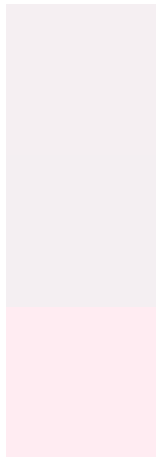


This preview shows how white text looks on a background with the Decimal color 16117746.

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](#).

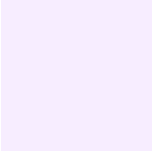
Dichromacy



Original Color
16117746

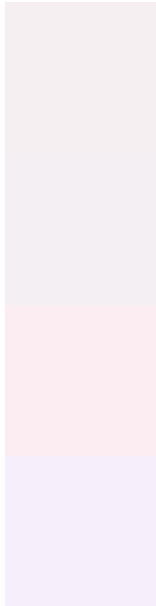
Protanopia
16052210

Deuteranopia
16772338



Tritanopia
16248319

Trichromacy



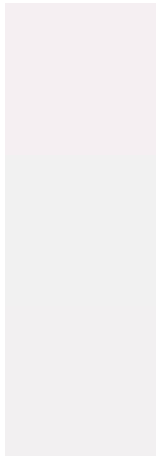
Original Color
16117746

Protanomaly
16052210

Deuteranomaly
16510450

Tritanomaly
16183034

Monochromacy



Original Color
16117746

Achromatopsia
15856113

Achromatomaly
15921393

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16117746 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 #F5EFF2 looks like.

```
.text, #text, p{  
    color:#F5EFF2  
}
```

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 #F5EFF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5EFF2
}
```

Border

The CSS property to change the border of an element to Decimal 16117746 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
#F5EFF2 }
```

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

```
.border{ border-color:#F5EFF2 }
```

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

Here you see how a box with a 4 pixel #F5EFF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5EFF2; -webkit-box-shadow:4px 4px  
4px 4px #F5EFF2; box-shadow:4px 4px 4px  
4px #F5EFF2 }
```

Background

The CSS property to change the background color of an element to Decimal 16117746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5EFF2 }
```

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

```
.background{ background-color:#F5EFF2 }
```

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