

# Converting Colors

Decimal(16513535)

Have a look what the booklet for  
Decimal(16513535) contains.

<b>Decimal(16513535)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16513535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF9FF
RGB	251, 249, 255
RGB Percent	98%, 98%, 100%
CMY	0.0157, 0.0235, 0.0000
CMYK	0.02, 0.02, 0.00, 0.00
HSL	260°, 100%, 99%
HSV	260°, 2%, 100%
XYZ	91.7093, 95.4806, 108.2037
YIQ	250.2820, -0.7340, 2.2900

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 249, 255
Decimal	16513535
CIE Lab	98.23, 1.73, -2.64
CIE LCh	98, 3.157, 303.153
Yxy	95.4806, 0.3105, 0.3232
Android (android.graphics.Color)	4294703615 (0xFFFBF9FF)
YUV	250.2820, 2.3260, 0.6297
Hunter-Lab	97.7142, -3.4692, 2.7452

# Details

The Decimal color 16513535 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 16646137, and the grayscale version is 16448250.

A 20% lighter version of the original color is 16777215, and 12829126 is the 20% darker color. If you saturate the color by 10%, you get 15393023, and if you desaturate by 10%, it is 16777215.

# Distribution



- Red (98%)
- Green (98%)
- Blue (100%)



- Red (98%)
- Yellow (98%)
- Blue (100%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16513535 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 16513535 by changing the saturation by 10% instead.



 16513535

 16513535

16777215

 14605538

 12829126

 10986923

 9276305

 7565943

 5986654

 4407879

 2960432

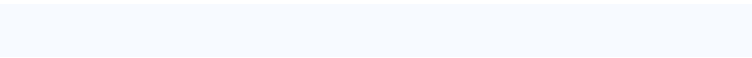
 1644315

	16513535		16513535
	15393023		16777215
	14272255		
	13151487		
	12030975		
	10910463		
	9789695		
	8668927		
	7548415		
	6427647		

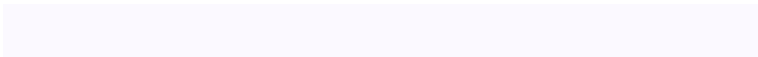
# Harmonies

## Analogous

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



16251647



16513535



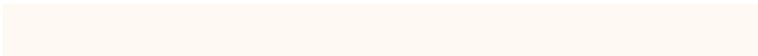
16709885

# Triad

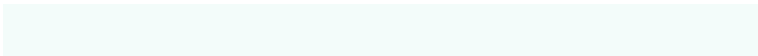
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16513535



16775668



15990010

# Complementary

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



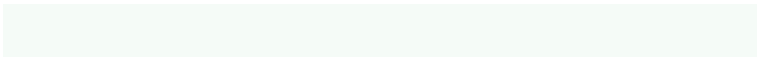
16513535



16646137

# 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.



16120823



16513535



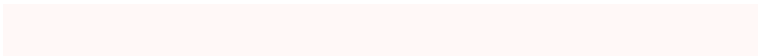
16579316

# Square

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



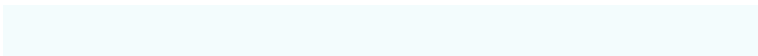
16513535



16775415



16382965



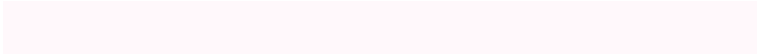
15990013

# Rectangle

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



16513535



16775419



16382965

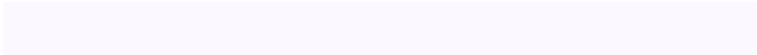


16055545



# Sweetspot

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



16513535



16645375



16383487



8355456



0



8421504



# Same Dimension

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



16513535



16447487



16710143



8157824



4194495

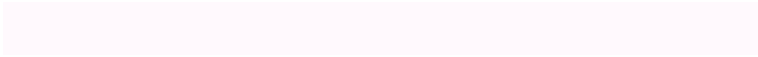


1376320



# Inverse Universe

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



16775677



16775164



16449529



8419966



12517504

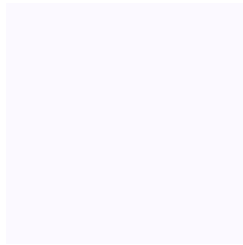


4194347



# Previews

## White Background



This preview shows how the Decimal color 16513535 looks on a white background.

## Color Contrast Check

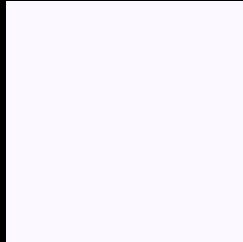
Large Text (above 18pt) WCAG AA × Fail

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 16513535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

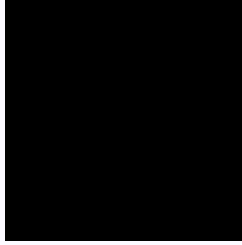
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16513535 Background



This preview shows how black text looks on a background with the Decimal color 16513535.




This preview shows how white text looks on a background with the Decimal color 16513535.

# 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**  
16513535

**Protanopia**  
16644351

**Deuteranopia**  
16775419

**Tritanopia**  
16513535

# Trichromacy

**Original Color**

16513535

**Protanomaly**

16578815

**Deuteranomaly**

16709884

**Tritanomaly**

16513535

# Monochromacy

**Original Color**

16513535

**Achromatopsia**

16448250

**Achromatomaly**

16448252

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16513535 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 #FBF9FF looks like.

```
.text, #text, p{  
    color:#FBF9FF  
}
```

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 #FBF9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBF9FF
}
```

## Border

The CSS property to change the border of an element to Decimal 16513535 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
#FBF9FF }
```

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

```
.border{ border-color:#FBF9FF }
```

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

Here you see how a box with a 4 pixel #FBF9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBF9FF; -webkit-box-shadow:4px 4px  
4px 4px #FBF9FF; box-shadow:4px 4px 4px  
4px #FBF9FF }
```

# Background

The CSS property to change the background color of an element to Decimal 16513535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBF9FF }
```

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

```
.background{ background-color:#FBF9FF }
```

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