

# Converting Colors

Decimal(16512511)

Have a look what the booklet for  
Decimal(16512511) contains.

<b>Decimal(16512511)</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(16512511)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF5FF
RGB	251, 245, 255
RGB Percent	98%, 96%, 100%
CMY	0.0157, 0.0392, 0.0000
CMYK	0.02, 0.04, 0.00, 0.00
HSL	276°, 100%, 98%
HSV	276°, 4%, 100%
XYZ	90.4861, 93.0340, 107.7960
YIQ	247.9340, 0.3660, 4.3820

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	251, 245, 255
Decimal	16512511
CIE Lab	97.24, 3.76, -4.09
CIE LCh	97, 5.555, 312.614
Yxy	93.0340, 0.3106, 0.3194
Android (android.graphics.Color)	4294702591 (0xFFFBF5FF)
YUV	247.9340, 3.4835, 2.6889
Hunter-Lab	96.4542, -1.3394, 1.2561

# Details

The Decimal color **16512511** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **16383989**, and the grayscale version is **16316664**.

A 20% lighter version of the original color is **16777215**, and **12828102** is the 20% darker color. If you saturate the color by 10%, you get **15850751**, and if you desaturate by 10%, it is **16777215**.

# Distribution



- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16512511 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 16512511 by changing the saturation by 10% instead.



 16512511

 16512511

16777215

 14604770

 12828102

 10986155

 9275537









 7564919

 5985886

 4407111

 2959664

 1643803

	16512511		16512511
	15850751		16777215
	15188735		
	14461439		
	13799423		
	13137663		
	12475647		
	11813631		
	11086335		
	10424575		

# Harmonies

## Analogous

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



16054271



16512511



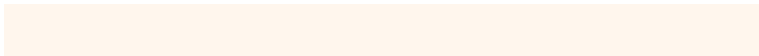
16774394

# Triad

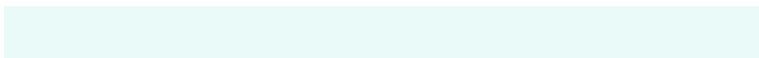
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16512511



16774893



15399673

# Complementary

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



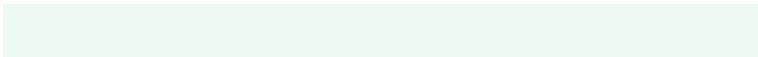
16512511



16383989

# 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.



15596276



16512511



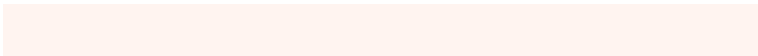
16381933

# Square

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



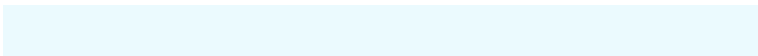
16512511



16774384



15989231



15465214

# Rectangle

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



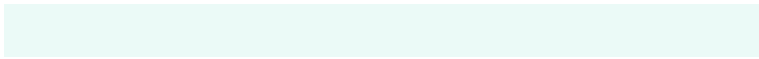
16512511



16774391



15989231



15465207



# Sweetspot

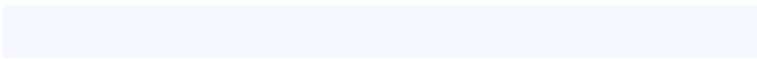
The Sweet Spot groups the original color and five complimentary colors.



16512511



16710911



16120319



8355456



0



8421504



# Same Dimension

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



16512511



16446207



16774654



8157312



7536831



2490432

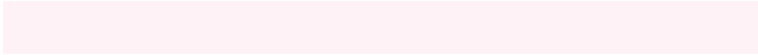


# Inverse Universe

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



16774649



16773879



16121846



8419451



12517453

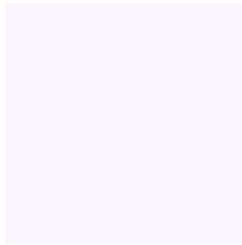


4194330



# Previews

## White Background



This preview shows how the Decimal color 16512511 looks on a white background.

## Color Contrast Check

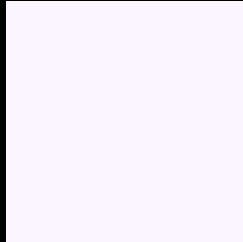
Large Text (above 18pt) WCAG AA × Fail

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 16512511 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

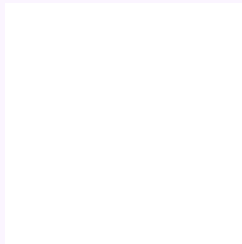
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16512511 Background



This preview shows how black text looks on a background with the Decimal color 16512511.

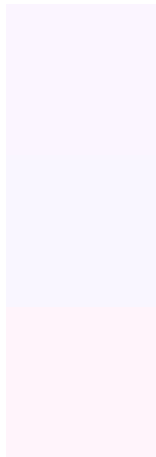


This preview shows how white text looks on a background with the Decimal color 16512511.

# 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**  
16512511

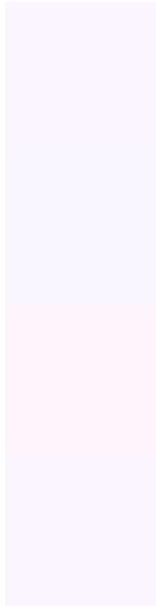
**Protanopia**  
16381695

**Deuteranopia**  
16774395



**Tritanopia**  
16446975

# Trichromacy



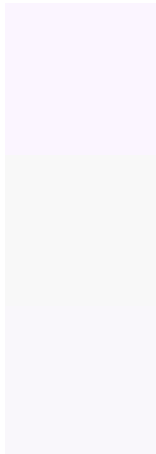
**Original Color**  
16512511

**Protanomaly**  
16447231

**Deuteranomaly**  
16708860

**Tritanomaly**  
16446975

# Monochromacy



**Original Color**  
16512511

**Achromatopsia**  
16316664

**Achromatomaly**  
16381947

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16512511 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 #FBF5FF looks like.

```
.text, #text, p{  
    color:#FBF5FF  
}
```

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 #FBF5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBF5FF }  
}
```

## Border

The CSS property to change the border of an element to Decimal 16512511 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 #FBF5FF }  
}
```

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

```
.border{ border-color:#FBF5FF }
```

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

Here you see how a box with a 4 pixel #FBF5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBF5FF; -webkit-box-shadow:4px 4px  
4px 4px #FBF5FF; box-shadow:4px 4px 4px  
4px #FBF5FF }
```

# Background

The CSS property to change the background color of an element to Decimal 16512511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBF5FF }
```

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

```
.background{ background-color:#FBF5FF }
```

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