

# Converting Colors

Decimal(12516763)

Have a look what the booklet for  
Decimal(12516763) contains.

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# **Color**

**Decimal(12516763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEFD9B
RGB	190, 253, 155
RGB Percent	75%, 99%, 61%
CMY	0.2549, 0.0078, 0.3922
CMYK	0.25, 0.00, 0.39, 0.01
HSL	99°, 96%, 80%
HSV	99°, 39%, 99%
XYZ	62.2769, 83.5643, 43.8575
YIQ	222.9910, -6.0900, -43.8340

# Conversions

## Conversions Part 2

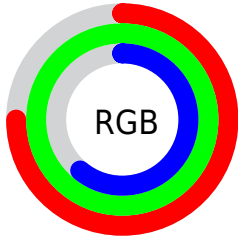
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 253, 218
Decimal	12516763
CIELab	93.26, -36.68, 40.68
CIElCh	93, 54.770, 132.039
Yxy	83.5643, 0.3283, 0.4405
Android (android.graphics.Color)	4290706843 (0xFFBEFD9B)
YUV	222.9910, -33.5196, -28.9331
Hunter-Lab	91.4135, -38.3677, 35.5438

# Details

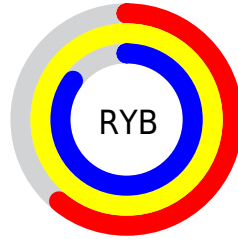
The Decimal color **12516763** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **14326781**, and the grayscale version is **14671839**.

A 20% lighter version of the original color is **16318418**, and **8832102** is the 20% darker color. If you saturate the color by 10%, you get **11468162**, and if you desaturate by 10%, it is **13565364**.

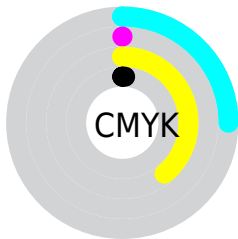
# Distribution



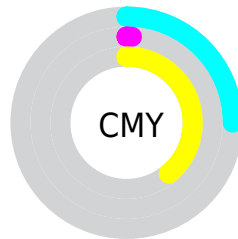
- Red (75%)
- Green (99%)
- Blue (61%)



- Red (61%)
- Yellow (99%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (39%)
- Black (1%)



- Cyan (25%)
- Magenta (1%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12516763 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 12516763 by changing the saturation by 10% instead.



 12516763

 12516763

16777215

 10674304

 16318418

 8832102

 16777199

 7121229

 5344820

 3568667

 1661696

 17152

 11264

 5120

 12516763

 12516763

 11468162

 13565364

 10354024

 14679502

 9305423

 15728103

 8256822

 16776703

 7208220

 6094083

 5963008

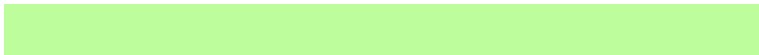
# Harmonies

## Analogous

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



16314242



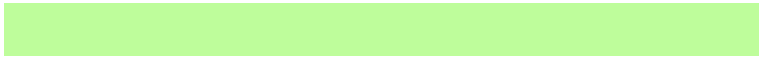
12516763



7864265

# Triad

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



12516763



5241599



16761304

# Complementary

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



12516763



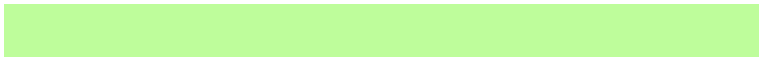
14326781

# Split Complementary

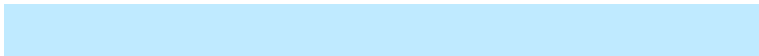
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16762623



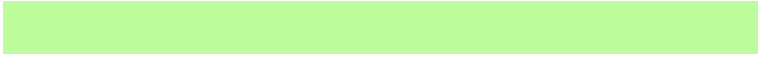
12516763



12577535

# Square

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



12516763



65535



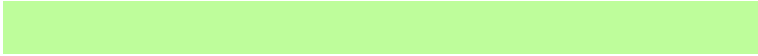
16766719



16764071

# Rectangle

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



12516763



2883566



16766719

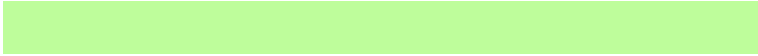


16761322

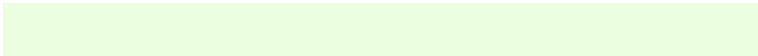


# Sweetspot

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



12516763



15466464



16636315



7635054



0

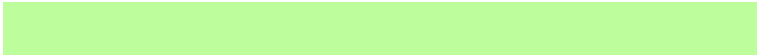


8421504

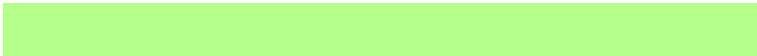


# Same Dimension

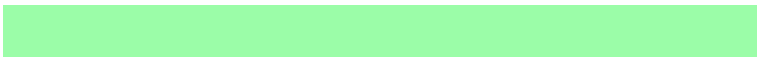
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12516763



11861898



10223016



7831667



4505344



1523712



# Inverse Universe

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



14326781



13994751



16620528



8090496



8061119

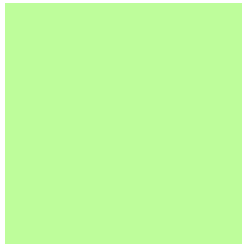


2687040



# Previews

## White Background



This preview shows how the Decimal color 12516763 looks on a white background.

## Color Contrast Check

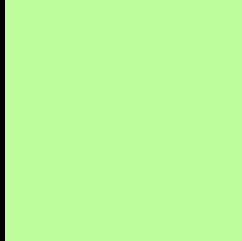
Large Text (above 18pt) WCAG AA × Fail

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 12516763 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

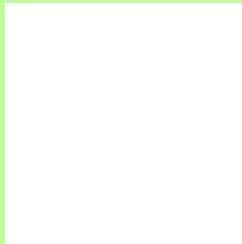
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12516763 Background



This preview shows how black text looks on a background with the Decimal color 12516763.

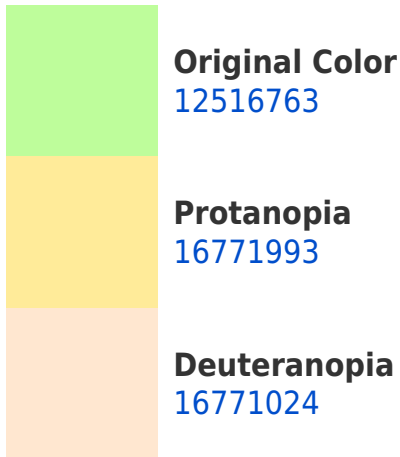


This preview shows how white text looks on a background with the Decimal color 12516763.

# 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



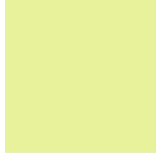


**Tritanopia**  
13955071

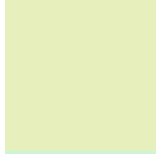
# Trichromacy



**Original Color**  
12516763



**Protanomaly**  
15200922

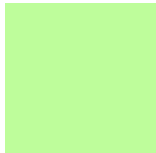


**Deuteranomaly**  
15200189

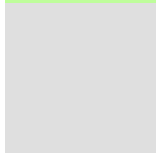


**Tritanomaly**  
13432027

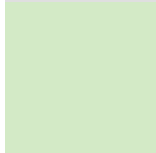
# Monochromacy



**Original Color**  
12516763



**Achromatopsia**  
14671839



**Achromatomaly**  
13888198

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12516763 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 #BEFD9B looks like.

```
.text, #text, p{  
    color:#BEFD9B  
}
```

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 #BEFD9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEFD9B
}
```

## Border

The CSS property to change the border of an element to Decimal 12516763 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
#BEFD9B }
```

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

```
.border{ border-color:#BEFD9B }
```

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

Here you see how a box with a 4 pixel #BEFD9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEFD9B; -webkit-box-shadow:4px 4px  
4px 4px #BEFD9B; box-shadow:4px 4px 4px  
4px #BEFD9B }
```

# Background

The CSS property to change the background color of an element to Decimal 12516763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEFD9B }
```

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

```
.background{ background-color:#BEFD9B }
```

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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