

# Converting Colors

Decimal(12386196)

Have a look what the booklet for  
Decimal(12386196) contains.

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# **Color**

**Decimal(12386196)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCFF94
RGB	188, 255, 148
RGB Percent	74%, 100%, 58%
CMY	0.2627, 0.0000, 0.4196
CMYK	0.26, 0.00, 0.42, 0.00
HSL	98°, 100%, 79%
HSV	98°, 42%, 100%
XYZ	61.8443, 84.3495, 41.0385
YIQ	222.7690, -5.5850, -47.4810

# Conversions

## Conversions Part 2

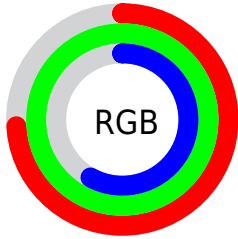
Format	Color
<a href="#">RYB</a>	<a href="#">148, 255, 215</a>
Decimal	<a href="#">12386196</a>
CIELab	<a href="#">93.60, -39.15, 44.50</a>
CIElCh	<a href="#">94, 59.273, 131.343</a>
Yxy	<a href="#">84.3495, 0.3303, 0.4505</a>
Android (android.graphics.Color)	<a href="#">4290576276 (0xFFBCFF94)</a>
YUV	<a href="#">222.7690, -36.8611, -30.4924</a>
Hunter-Lab	<a href="#">91.8420, -40.5255, 37.7963</a>

# Details

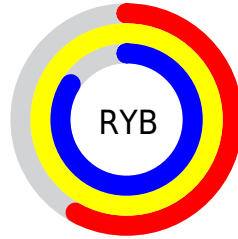
The Decimal color **12386196** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **14128383**, and the grayscale version is **14671839**.

A 20% lighter version of the original color is **16187339**, and **8701535** is the 20% darker color. If you saturate the color by 10%, you get **11337595**, and if you desaturate by 10%, it is **13434798**.

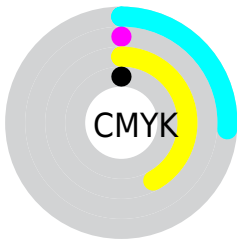
# Distribution



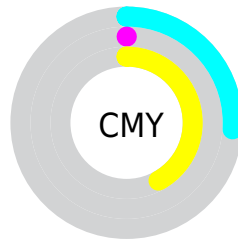
- Red (74%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (84%)



- Cyan (26%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12386196 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 12386196 by changing the saturation by 10% instead.



 12386196

 12386196

16777215

 10543737

 16187339

 8701535

 16777192

 6924870

 5148716

 3306768

 1268736

 17408

 11520

 5376

 12386196

 12386196

 11337595

 13434798

 10288993

 14483399

 9240392

 15532001

 8191790

 16580602

 7143189

16777215

 6291200

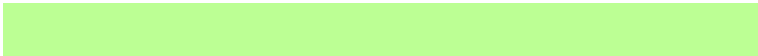
# Harmonies

## Analogous

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



16511097



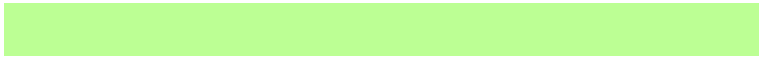
12386196



7077830

# Triad

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



12386196



392703



16760537

# Complementary

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



12386196



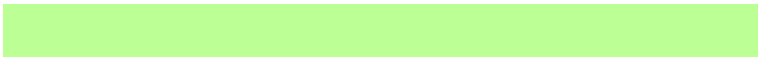
14128383

# Split Complementary

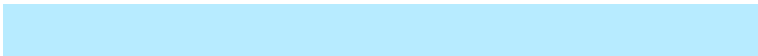
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16761855



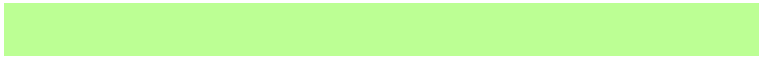
12386196



12053503

# Square

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



12386196



65535



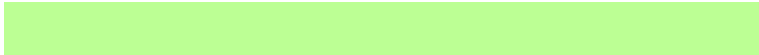
16766463



16763300

# Rectangle

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



12386196



65517



16766463

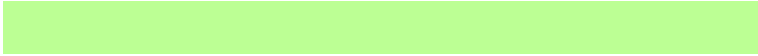


16760556



# Sweetspot

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



12386196



15400926



16766612



7569515



0

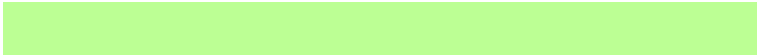


8421504

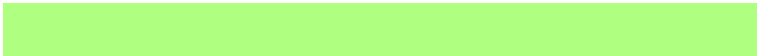


# Same Dimension

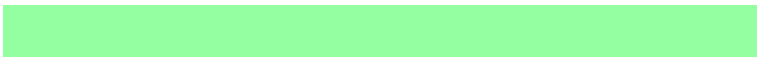
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12386196



11534208



9764768



7897203



4701952



1589248



# Inverse Universe

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



14128383



13598975



16749811



8090496



7864511

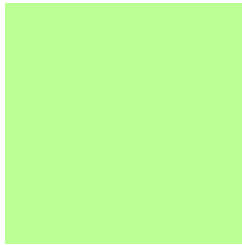


2621504



# Previews

## White Background



This preview shows how the Decimal color 12386196 looks on a white background.

## Color Contrast Check

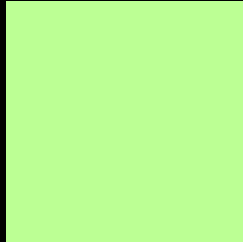
Large Text (above 18pt) WCAG AA × Fail

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 12386196 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

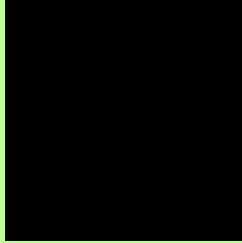
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12386196 Background



This preview shows how black text looks on a background with the Decimal color 12386196.

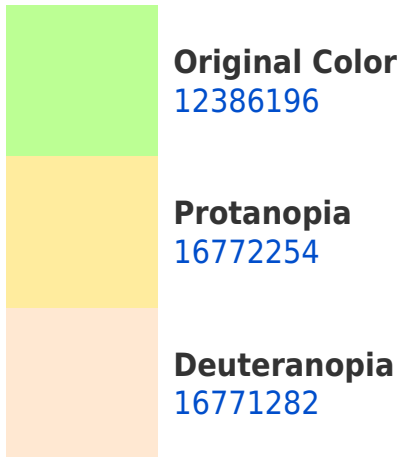


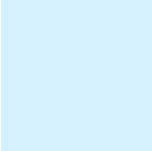
This preview shows how white text looks on a background with the Decimal color 12386196.

# 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



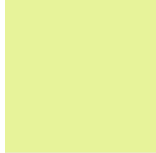


**Tritanopia**  
14086399

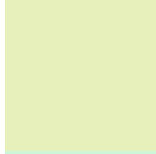
# Trichromacy



**Original Color**  
12386196



**Protanomaly**  
15201178

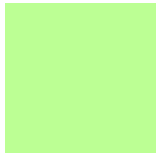


**Deuteranomaly**  
15200443

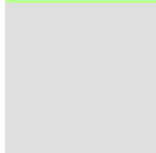


**Tritanomaly**  
13497816

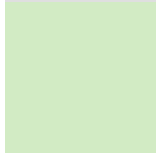
# Monochromacy



**Original Color**  
12386196



**Achromatopsia**  
14671839



**Achromatomaly**  
13822916

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12386196 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 #BCFF94 looks like.

```
.text, #text, p{  
    color:#BCFF94  
}
```

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 #BCFF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCFF94
}
```

## Border

The CSS property to change the border of an element to Decimal 12386196 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
#BCFF94 }
```

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

```
.border{ border-color:#BCFF94 }
```

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

Here you see how a box with a 4 pixel #BCFF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCFF94; -webkit-box-shadow:4px 4px  
4px 4px #BCFF94; box-shadow:4px 4px 4px  
4px #BCFF94 }
```

# Background

The CSS property to change the background color of an element to Decimal 12386196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCFF94 }
```

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

```
.background{ background-color:#BCFF94 }
```

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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