

# Converting Colors

Decimal(12517266)

Have a look what the booklet for  
Decimal(12517266) contains.

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# **Color**

**Decimal(12517266)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEFF92
RGB	190, 255, 146
RGB Percent	75%, 100%, 57%
CMY	0.2549, 0.0000, 0.4275
CMYK	0.25, 0.00, 0.43, 0.00
HSL	96°, 100%, 79%
HSV	96°, 43%, 100%
XYZ	62.1835, 84.5425, 40.2350
YIQ	223.1390, -3.7510, -47.6790

# Conversions

## Conversions Part 2

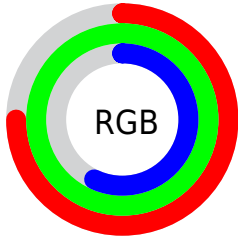
Format	Color
<a href="#">RYB</a>	<a href="#">146, 255, 211</a>
Decimal	<a href="#">12517266</a>
CIELab	<a href="#">93.69, -38.72, 45.59</a>
CIElCh	<a href="#">94, 59.819, 130.342</a>
Yxy	<a href="#">84.5425, 0.3326, 0.4522</a>
Android (android.graphics.Color)	<a href="#">4290707346 (0xFFBEFF92)</a>
YUV	<a href="#">223.1390, -38.0295, -29.0629</a>
Hunter-Lab	<a href="#">91.9470, -40.1881, 38.4182</a>

# Details

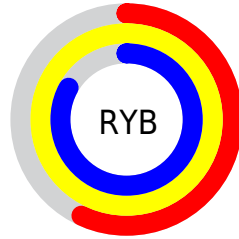
The Decimal color **12517266** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **13865727**, and the grayscale version is **14737632**.

A 20% lighter version of the original color is **16318409**, and **8832605** is the 20% darker color. If you saturate the color by 10%, you get **11534201**, and if you desaturate by 10%, it is **13500331**.

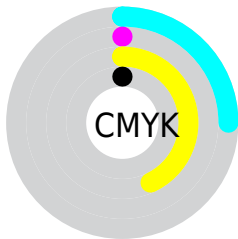
# Distribution



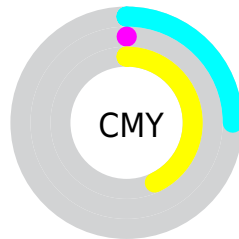
- Red (75%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (83%)



- Cyan (25%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12517266 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 12517266 by changing the saturation by 10% instead.



 12517266

 12517266

16777215

 10674807

 16318409

 8832605

 16777190

 7055940

 5279786

 3503628

 1465344

 17408

 11520

 5376

 12517266

 12517266

 11534201

 13500331

 10551135

 14483397

 9502533

 15531999

 8519468

 16515064

 7536402

16777215

 6815488

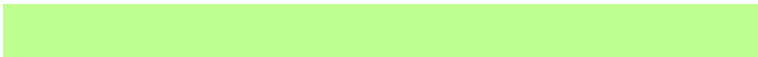
# Harmonies

## Analogous

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



16642168



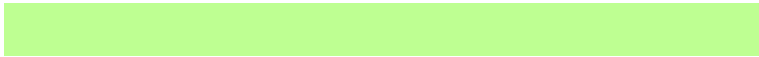
12517266



7208900

# Triad

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



12517266



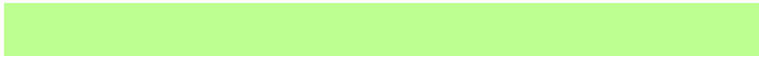
65023



16760283

# Complementary

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



12517266



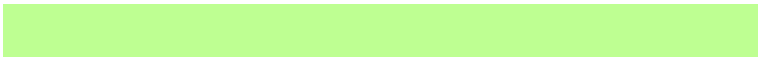
13865727

# Split Complementary

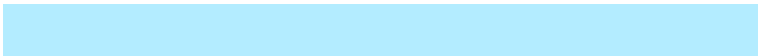
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16761855



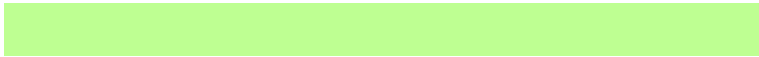
12517266



11791615

# Square

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



12517266



65535



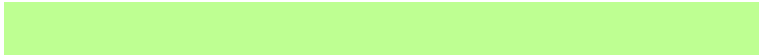
16766719



16763045

# Rectangle

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



12517266



65516



16766719

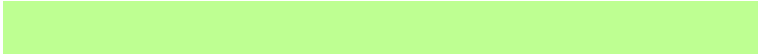


16760302



# Sweetspot

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



12517266



15466462



16765586



7569515



0

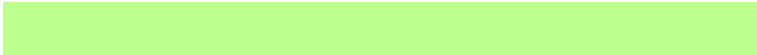


8421504

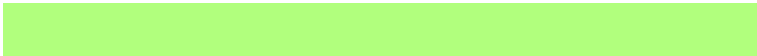


# Same Dimension

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



12517266



11665277



9633691



7897203



5095168



1720320



# Inverse Universe

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



13865727



13336063



16749302



8024960



7471295

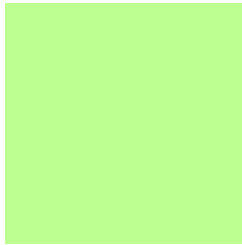


2490432



# Previews

## White Background



This preview shows how the Decimal color 12517266 looks on a white background.

## Color Contrast Check

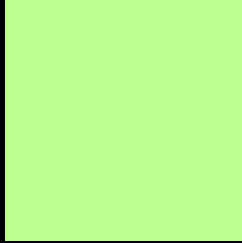
Large Text (above 18pt) WCAG AA × Fail

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 12517266 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

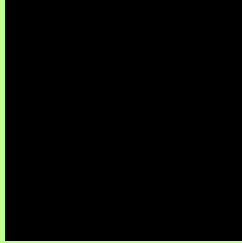
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12517266 Background



This preview shows how black text looks on a background with the Decimal color 12517266.



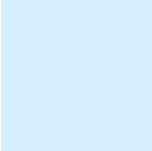
This preview shows how white text looks on a background with the Decimal color 12517266.

# 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**  
14151935

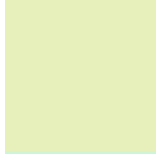
# Trichromacy



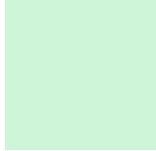
**Original Color**  
12517266



**Protanomaly**  
15201179

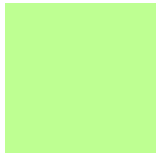


**Deuteranomaly**  
15200443

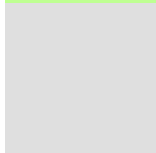


**Tritanomaly**  
13563351

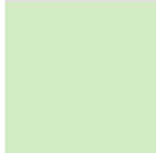
# Monochromacy



**Original Color**  
12517266



**Achromatopsia**  
14671839



**Achromatomaly**  
13888451

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12517266 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 #BEFF92 looks like.

```
.text, #text, p{  
    color:#BEFF92  
}
```

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 #BEFF92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEFF92
}
```

## Border

The CSS property to change the border of an element to Decimal 12517266 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
#BEFF92 }
```

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

```
.border{ border-color:#BEFF92 }
```

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

Here you see how a box with a 4 pixel #BEFF92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEFF92; -webkit-box-shadow:4px 4px  
4px 4px #BEFF92; box-shadow:4px 4px 4px  
4px #BEFF92 }
```

# Background

The CSS property to change the background color of an element to Decimal 12517266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEFF92 }
```

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

```
.background{ background-color:#BEFF92 }
```

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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