

# Converting Colors

Decimal(12517282)

Have a look what the booklet for  
Decimal(12517282) contains.

<b>Decimal(12517282)</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(12517282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEFFA2
RGB	190, 255, 162
RGB Percent	75%, 100%, 64%
CMY	0.2549, 0.0000, 0.3647
CMYK	0.25, 0.00, 0.36, 0.00
HSL	102°, 100%, 82%
HSV	102°, 36%, 100%
XYZ	63.5168, 85.0758, 47.2560
YIQ	224.9630, -8.8870, -42.7030

# Conversions

## Conversions Part 2

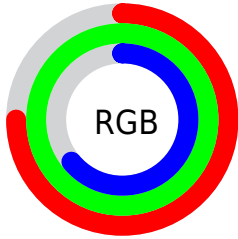
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 255, 227
Decimal	12517282
CIELab	93.92, -36.64, 38.09
CIElCh	94, 52.846, 133.888
Yxy	85.0758, 0.3243, 0.4344
Android (android.graphics.Color)	4290707362 (0xFFBEFFA2)
YUV	224.9630, -31.0408, -30.6626
Hunter-Lab	92.2365, -38.4936, 34.1892

# Details

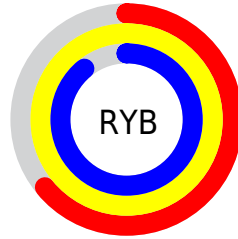
The Decimal color **12517282** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **14918399**, and the grayscale version is **14803425**.

A 20% lighter version of the original color is **16318426**, and **8898157** is the 20% darker color. If you saturate the color by 10%, you get **11337608**, and if you desaturate by 10%, it is **13696955**.

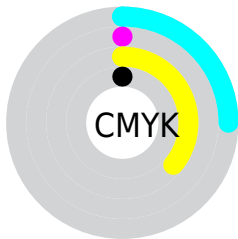
# Distribution



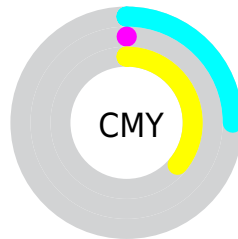
- Red (75%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12517282 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 12517282 by changing the saturation by 10% instead.



 12517282

 12517282

16777215

 10674823

 16318426

 8898157

 16777206


 7121492

 5345339

 3634723

 1727495

 17408

 11520


 5632

 12517282

 12517282

 11337608

 13696955

 10157935

 14876629

 9043798

 15990767

 7864124

16777215

 6684450

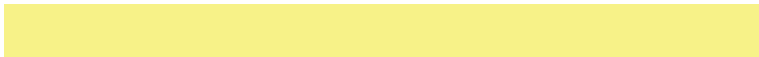
 5504777

 5111552

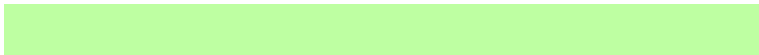
# Harmonies

## Analogous

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



16249480



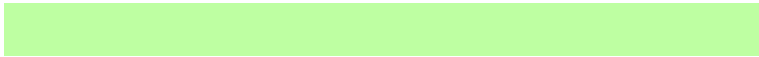
12517282



8060880

# Triad

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



12517282



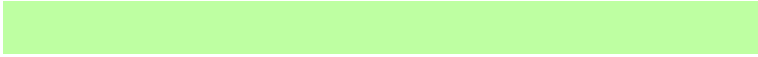
6814719



16762328

# Complementary

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



12517282



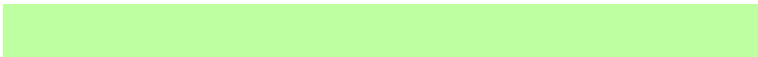
14918399

# Split Complementary

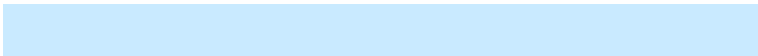
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16763135



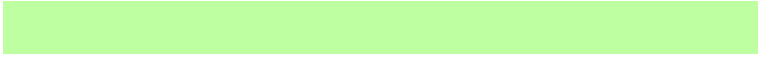
12517282



13232895

# Square

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



12517282



65535



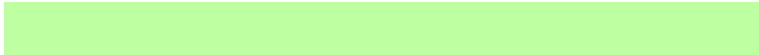
16766975



16765097

# Rectangle

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



12517282



3866611



16766975

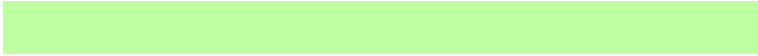


16762345

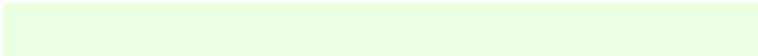


# Sweetspot

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



12517282



15466467



16769698



7635055



0

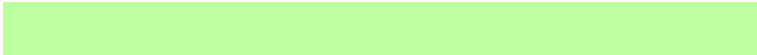


8421504

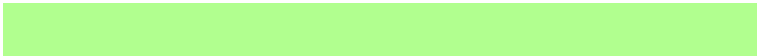


# Same Dimension

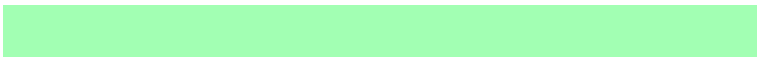
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12517282



11665295



10682291



7831667



3849984



1261568



# Inverse Universe

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



14918399



14520319



16753390



8156032



8782015

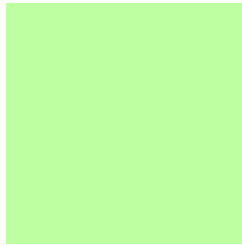


2949184



# Previews

## White Background



This preview shows how the Decimal color 12517282 looks on a white background.

## Color Contrast Check

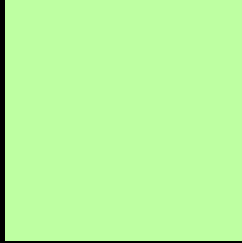
Large Text (above 18pt) WCAG AA × Fail

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 12517282 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

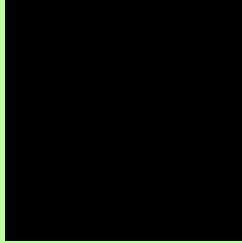
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

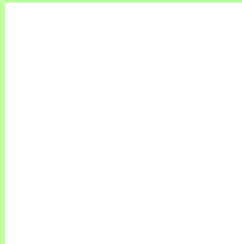
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12517282 Background



This preview shows how black text looks on a background with the Decimal color 12517282.

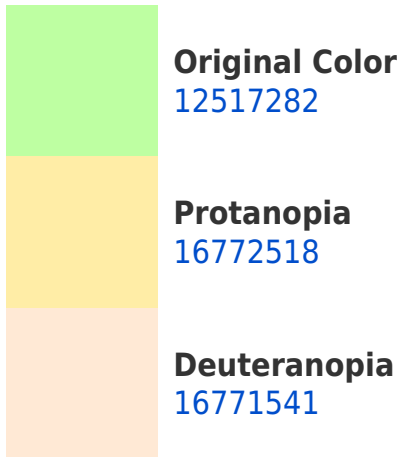


This preview shows how white text looks on a background with the Decimal color 12517282.

# 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



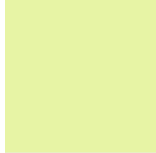


**Tritanopia**  
14217727

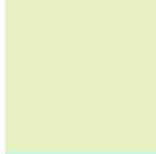
# Trichromacy



**Original Color**  
12517282



**Protanomaly**  
15201445

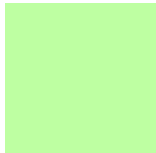


**Deuteranomaly**  
15200706

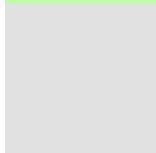


**Tritanomaly**  
13629149

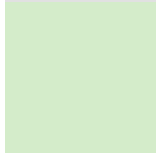
# Monochromacy



**Original Color**  
12517282



**Achromatopsia**  
14803425



**Achromatomaly**  
13954250

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12517282 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 #BEFFA2 looks like.

```
.text, #text, p{  
    color:#BEFFA2  
}
```

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 #BEFFA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEFFA2
}
```

## Border

The CSS property to change the border of an element to Decimal 12517282 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
#BEFFA2 }
```

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

```
.border{ border-color:#BEFFA2 }
```

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

Here you see how a box with a 4 pixel #BEFFA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEFFA2; -webkit-box-shadow:4px 4px  
4px 4px #BEFFA2; box-shadow:4px 4px 4px  
4px #BEFFA2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12517282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEFFA2 }
```

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

```
.background{ background-color:#BEFFA2 }
```

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