

# Converting Colors

Decimal(12513706)

Have a look what the booklet for  
Decimal(12513706) contains.

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# **Color**

**Decimal(12513706)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BEF1AA
RGB	190, 241, 170
RGB Percent	75%, 95%, 67%
CMY	0.2549, 0.0549, 0.3333
CMYK	0.21, 0.00, 0.29, 0.05
HSL	103°, 72%, 81%
HSV	103°, 29%, 95%
XYZ	59.9462, 76.7600, 49.6869
YIQ	217.6570, -7.6050, -32.8930

# Conversions

## Conversions Part 2

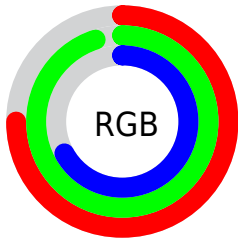
Format	Color
<a href="#">RYB</a>	<a href="#">170, 241, 221</a>
Decimal	<a href="#">12513706</a>
CIELab	<a href="#">90.21, -29.02, 29.15</a>
CIElCh	<a href="#">90, 41.126, 134.873</a>
Yxy	<a href="#">76.7600, 0.3216, 0.4118</a>
Android (android.graphics.Color)	<a href="#">4290703786 (0xFFBEF1AA)</a>
YUV	<a href="#">217.6570, -23.4949, -24.2552</a>
Hunter-Lab	<a href="#">87.6128, -31.1896, 27.7045</a>

# Details

The Decimal color **12513706** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **14527217**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16252898**, and **8894837** is the 20% darker color. If you saturate the color by 10%, you get **11399570**, and if you desaturate by 10%, it is **13627842**.

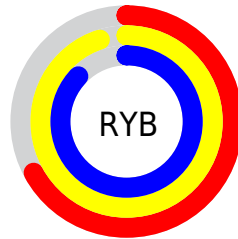
# Distribution



Red (75%)

Green (95%)

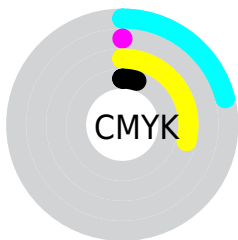
Blue (67%)



Red (67%)

Yellow (95%)

Blue (87%)

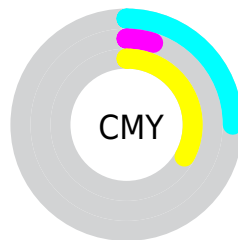


Cyan (21%)

Magenta (0%)

Yellow (29%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12513706 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 12513706 by changing the saturation by 10% instead.





 12513706

 12513706

 11399570

 13627842

 10219898

 14807514

 9105762

 15921650

 7991626

 16773631

 6811954

 5697817

 4583681

 4518144

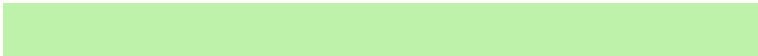
# Harmonies

## Analogous

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



15394710



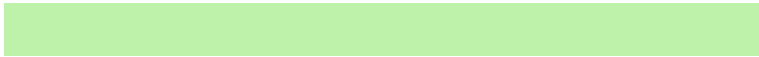
12513706



9435085

# Triad

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



12513706



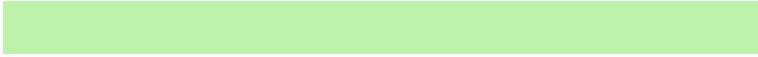
9367039



16762321

# Complementary

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



12513706



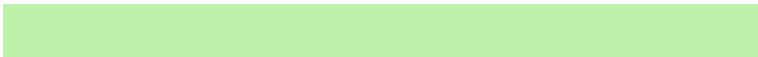
14527217

# 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.



16762873



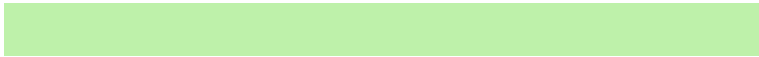
12513706



13361407

# Square

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



12513706



6223359



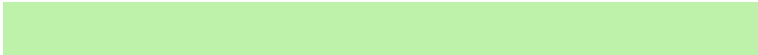
16765695



16764333

# Rectangle

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



12513706



7404008



16765695



16762334



# Sweetspot

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



12513706



15728616



15850922



7700593



0



8421504

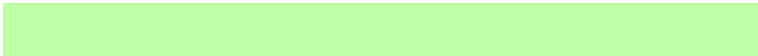


# Same Dimension

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



12513706



12582822



11203001



7305324



3454976



1062912



# Inverse Universe

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



14527217



15116031



15837922



7629944



8650936



2621496



# Previews

## White Background



This preview shows how the Decimal color 12513706 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 12513706 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

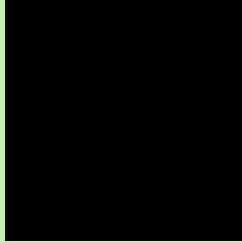
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

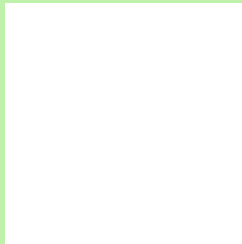
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12513706 Background



This preview shows how black text looks on a background with the Decimal color 12513706.

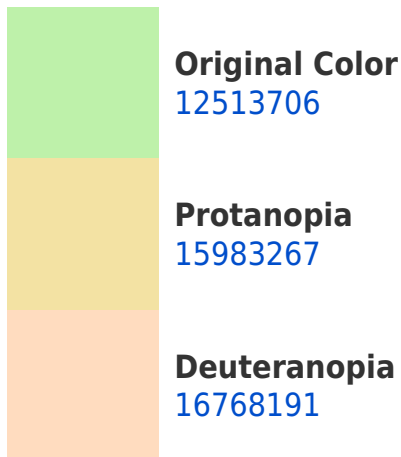


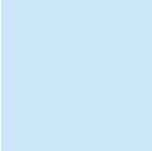
This preview shows how white text looks on a background with the Decimal color 12513706.

# 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



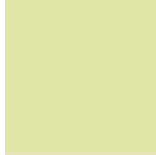


**Tritanopia**  
13363193

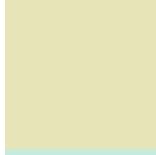
# Trichromacy



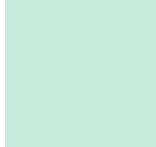
**Original Color**  
12513706



**Protanomaly**  
14739366



**Deuteranomaly**  
15197367

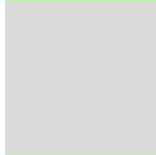


**Tritanomaly**  
13036508

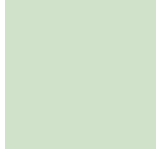
# Monochromacy



**Original Color**  
12513706



**Achromatopsia**  
14342874



**Achromatomaly**  
13689545

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12513706 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 #BEF1AA looks like.

```
.text, #text, p{  
    color:#BEF1AA  
}
```

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 #BEF1AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEF1AA }  
}
```

## Border

The CSS property to change the border of an element to Decimal 12513706 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 #BEF1AA }  
}
```

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

```
.border{ border-color:#BEF1AA }
```

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

Here you see how a box with a 4 pixel #BEF1AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEF1AA; -webkit-box-shadow:4px 4px  
4px 4px #BEF1AA; box-shadow:4px 4px 4px  
4px #BEF1AA }
```

# Background

The CSS property to change the background color of an element to Decimal 12513706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEF1AA }
```

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

```
.background{ background-color:#BEF1AA }
```

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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