

# Converting Colors

Decimal(12115606)

Have a look what the booklet for  
Decimal(12115606) contains.

<b>Decimal(12115606)</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(12115606)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8DE96
RGB	184, 222, 150
RGB Percent	72%, 87%, 59%
CMY	0.2784, 0.1294, 0.4118
CMYK	0.17, 0.00, 0.32, 0.13
HSL	92°, 52%, 73%
HSV	92°, 32%, 87%
XYZ	51.3935, 64.6349, 38.6212
YIQ	202.4300, 0.4640, -30.4480

# Conversions

## Conversions Part 2

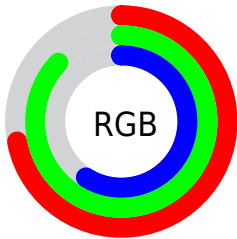
Format	Color
<a href="#">RYB</a>	<a href="#">150, 222, 188</a>
Decimal	<a href="#">12115606</a>
CIELab	<a href="#">84.30, -24.96, 31.35</a>
CIELCh	<a href="#">84, 40.074, 128.532</a>
Yxy	<a href="#">64.6349, 0.3323, 0.4179</a>
Android (android.graphics.Color)	<a href="#">4290305686 (0xFFB8DE96)</a>
YUV	<a href="#">202.4300, -25.8480, -16.1631</a>
Hunter-Lab	<a href="#">80.3958, -26.5857, 27.7949</a>

# Details

The Decimal color **12115606** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12359390**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **15859661**, and **8562530** is the 20% darker color. If you saturate the color by 10%, you get **11329152**, and if you desaturate by 10%, it is **12902060**.

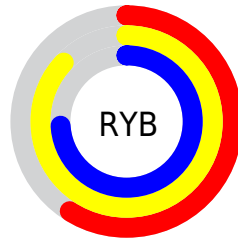
# Distribution



Red (72%)

Green (87%)

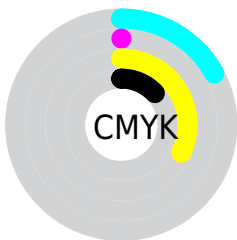
Blue (59%)



Red (59%)

Yellow (87%)

Blue (74%)

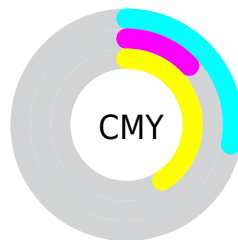


Cyan (17%)

Magenta (0%)

Yellow (32%)

Black (13%)



Cyan (28%)

Magenta (13%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12115606 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 12115606 by changing the saturation by 10% instead.



■ 12115606

■ 12115606

16777215

■ 10338940

■ 15859661

■ 8562530

■ 16777193

■ 6851658

■ 5206834

■ 3562011


■ 1982978

■ 338944

■ 6144

■ 0

 12115606

 12115606

 11329152

 12902060


 10608234

 13622978

 9821779

 14409433

 9035325

 15195887

 8248871

 15982335

 7527953

 16703231

 6938112

 16768767

# Harmonies

## Analogous

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



14799751



12115606



9168309

# Triad

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



12115606



7593727



16758217

# Complementary

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



12115606



12359390

# 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.



16759279



12115606



11522815

# Square

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



12115606



4908543



15058431



16759717

# Rectangle

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



12115606



7137231



15058431



16758486



# Sweetspot

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



12115606



15925222



14597014



7831664



0



8421504

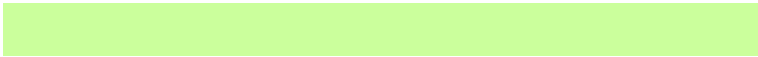


# Same Dimension

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



12115606



13369244



9887383



6975589



5484544



1519616



# Inverse Universe

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



12359390



13671679



14587613



7038320



6095024

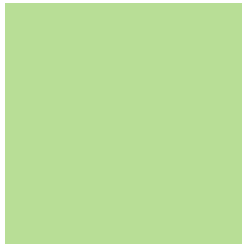


1703984



# Previews

## White Background



This preview shows how the Decimal color 12115606 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 12115606 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

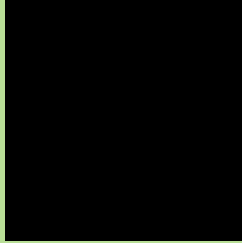
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12115606 Background



This preview shows how black text looks on a background with the Decimal color 12115606.

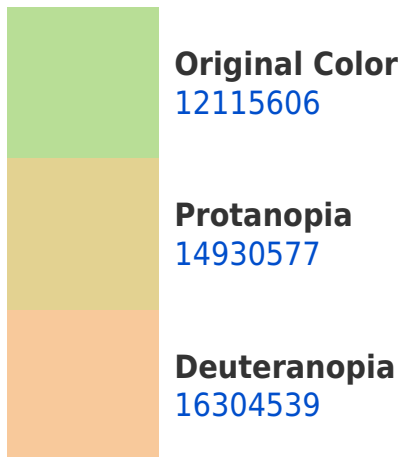


This preview shows how white text looks on a background with the Decimal color 12115606.

# 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**  
12899557

# Trichromacy



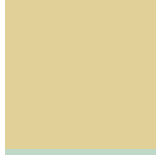
**Original Color**

12115606



**Protanomaly**

13883027



**Deuteranomaly**

14799257



**Tritanomaly**

12638408

# Monochromacy



**Original Color**

12115606



**Achromatopsia**

13290186



**Achromatomaly**

12833207

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12115606 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 #B8DE96 looks like.

```
.text, #text, p{  
    color:#B8DE96  
}
```

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 #B8DE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8DE96
}
```

## Border

The CSS property to change the border of an element to Decimal 12115606 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
#B8DE96 }
```

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

```
.border{ border-color:#B8DE96 }
```

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

Here you see how a box with a 4 pixel #B8DE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8DE96; -webkit-box-shadow:4px 4px  
4px 4px #B8DE96; box-shadow:4px 4px 4px  
4px #B8DE96 }
```

# Background

The CSS property to change the background color of an element to Decimal 12115606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8DE96 }
```

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

```
.background{ background-color:#B8DE96 }
```

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