

# Converting Colors

Decimal(12312967)

Have a look what the booklet for  
Decimal(12312967) contains.

<b>Decimal(12312967)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(12312967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBE187
RGB	187, 225, 135
RGB Percent	73%, 88%, 53%
CMY	0.2667, 0.1176, 0.4706
CMYK	0.17, 0.00, 0.40, 0.12
HSL	85°, 60%, 71%
HSV	85°, 40%, 88%
XYZ	51.7919, 66.1645, 32.9630
YIQ	203.3780, 6.2420, -36.0460

# Conversions

## Conversions Part 2

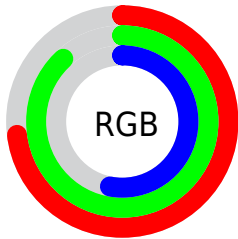
Format	Color
<a href="#">RYB</a>	<a href="#">135, 225, 173</a>
Decimal	<a href="#">12312967</a>
CIELab	<a href="#">85.08, -27.30, 39.98</a>
CIElCh	<a href="#">85, 48.414, 124.323</a>
Yxy	<a href="#">66.1645, 0.3432, 0.4384</a>
Android (android.graphics.Color)	<a href="#">4290503047</a> ( <a href="#">0xFFBBE187</a> )
YUV	<a href="#">203.3780, -33.7104, -14.3635</a>
Hunter-Lab	<a href="#">81.3416, -28.6930, 32.9123</a>

# Details

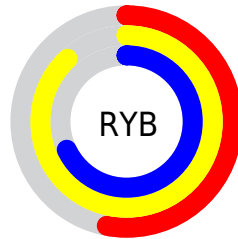
The Decimal color **12312967** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **11372513**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16056253**, and **8694355** is the 20% darker color. If you saturate the color by 10%, you get **11657585**, and if you desaturate by 10%, it is **12902813**.

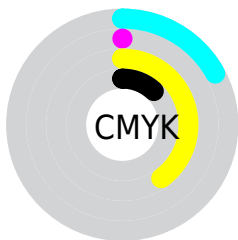
# Distribution



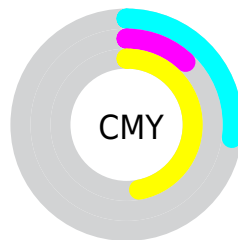
- Red (73%)
- Green (88%)
- Blue (53%)



- Red (53%)
- Yellow (88%)
- Blue (68%)



- Cyan (17%)
- Magenta (0%)
- Yellow (40%)
- Black (12%)



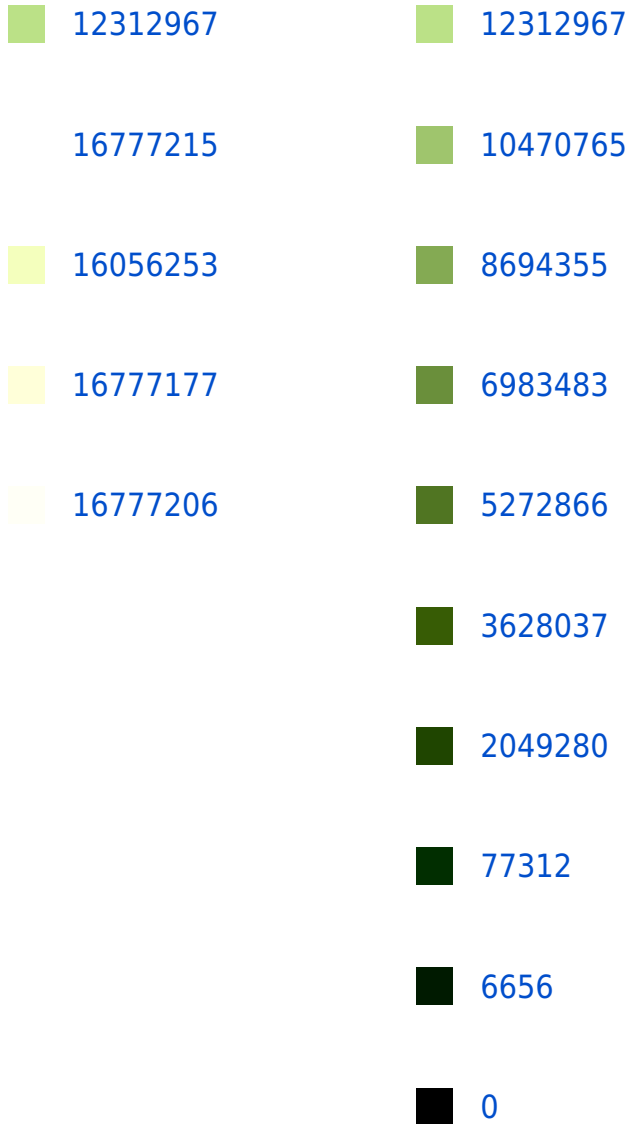
- Cyan (27%)
- Magenta (12%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12312967 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 12312967 by changing the saturation by 10% instead.





 12312967

 12312967

 11657585

 12902813

 11067738

 13558196

 10412356

 14148043

 9822509

 14803425

 9167126

 15458808

 8577280

 16048639

 16703999

 16769535

# Harmonies

## Analogous

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



15455352



12312967



8579499

# Triad

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



12312967



3663103



16756944

# Complementary

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



12312967



11372513

# Split Complementary

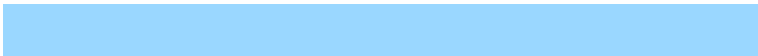
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16758781



12312967



10147839

# Square

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



12312967



60415



14862079



16758435

# Rectangle

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



12312967



5500106



14862079



16757215

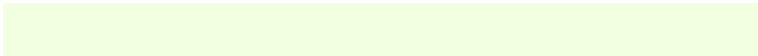


# Sweetspot

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



12312967



15925216



14790023



7897198



0



8421504

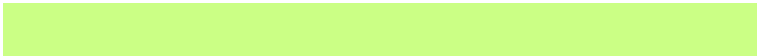


# Same Dimension

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



12312967



13369221



9363847



7041125



6729728



1847296



# Inverse Universe

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



11372513



12092927



14256097



6972784



4849840

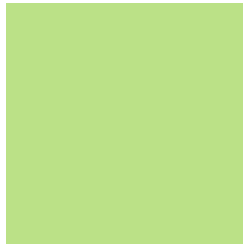


1310768



# Previews

## White Background



This preview shows how the Decimal color 12312967 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 12312967 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 12312967 Background



This preview shows how black text looks on a background with the Decimal color 12312967.



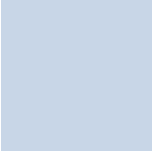
This preview shows how white text looks on a background with the Decimal color 12312967.

# 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**  
13162215

# Trichromacy



**Original Color**  
12312967



**Protanomaly**  
14145924



**Deuteranomaly**  
15127434

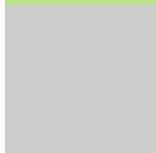


**Tritanomaly**  
12835524

# Monochromacy



**Original Color**  
12312967



**Achromatopsia**  
13355979



**Achromatomaly**  
12964786

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12312967 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 #BBE187 looks like.

```
.text, #text, p{  
    color:#BBE187  
}
```

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 #BBE187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBE187
}
```

## Border

The CSS property to change the border of an element to Decimal 12312967 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
#BBE187 }
```

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

```
.border{ border-color:#BBE187 }
```

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

Here you see how a box with a 4 pixel #BBE187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBE187; -webkit-box-shadow:4px 4px  
4px 4px #BBE187; box-shadow:4px 4px 4px  
4px #BBE187 }
```

# Background

The CSS property to change the background color of an element to Decimal 12312967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBE187 }
```

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

```
.background{ background-color:#BBE187 }
```

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