

# Converting Colors

Decimal(12965768)

Have a look what the booklet for  
Decimal(12965768) contains.

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# **Color**

**Decimal(12965768)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5D788
RGB	197, 215, 136
RGB Percent	77%, 84%, 53%
CMY	0.2275, 0.1569, 0.4667
CMYK	0.08, 0.00, 0.37, 0.16
HSL	74°, 50%, 69%
HSV	74°, 37%, 84%
XYZ	51.7703, 62.2488, 32.5792
YIQ	200.6120, 14.6310, -28.3850

# Conversions

## Conversions Part 2

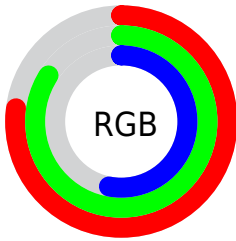
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 215, 154
Decimal	12965768
CIELab	83.05, -18.58, 37.00
CIELCh	83, 41.404, 116.670
Yxy	62.2488, 0.3531, 0.4246
Android (android.graphics.Color)	4291155848 (0xFFC5D788)
YUV	200.6120, -31.8537, -3.1677
Hunter-Lab	78.8979, -20.9452, 30.7460

# Details

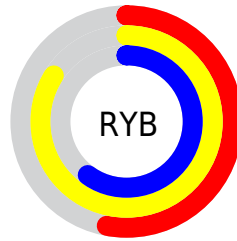
The Decimal color **12965768** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **10127575**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16777150**, and **9347157** is the 20% darker color. If you saturate the color by 10%, you get **12638067**, and if you desaturate by 10%, it is **13293470**.

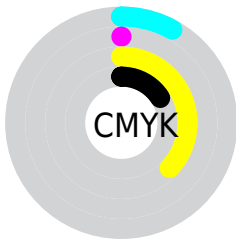
# Distribution



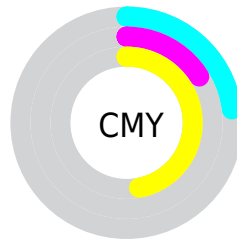
- Red (77%)
- Green (84%)
- Blue (53%)



- Red (53%)
- Yellow (84%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (37%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12965768 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 12965768 by changing the saturation by 10% instead.



 12965768

 12965768

16777215

 11123566

 16777150

 9347157

 16777178

 7636540

 16777207

 5926180

 4281354

 2768128

 1124096

 4864

 0

■ 12965768

■ 12965768

■ 12638067

■ 13293470

■ 12310365

■ 13621171

■ 11982663

■ 13948873

■ 11654962

■ 14276574

■ 11392796

■ 14538739

■ 11065095

■ 14866431

■ 10934016

■ 15194111

■ 15521791

■ 15849471

# Harmonies

## Analogous

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



15584129



12965768



9953187

# Triad

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



12965768



5365503



16757205

# Complementary

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



12965768



10127575

# 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.



16562682



12965768



9491711

# Square

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



12965768



3924976



13485823



16757678

# Rectangle

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



12965768



7857084



13485823



16757730



# Sweetspot

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



12965768



16383971



14129544



8159343



0



8421504

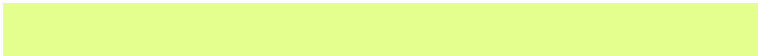


# Same Dimension

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



12965768



15073167



10409864



6908768



8694528



2173696



# Inverse Universe

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



10127575



11046911



12683479



6512747



2556075

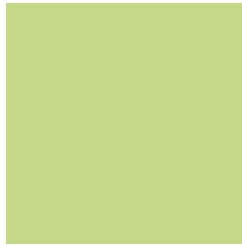


655403



# Previews

## White Background



This preview shows how the Decimal color 12965768 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 12965768 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 12965768 Background



This preview shows how black text looks on a background with the Decimal color 12965768.




This preview shows how white text looks on a background with the Decimal color 12965768.

# 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](#).

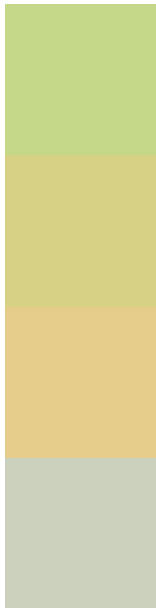
## Dichromacy





**Tritanopia**  
13684189

# Trichromacy



**Original Color**  
12965768

**Protanomaly**  
14143878

**Deuteranomaly**  
15060107

**Tritanomaly**  
13423038

# Monochromacy



**Original Color**  
12965768

**Achromatopsia**  
13224393

**Achromatomaly**  
13160113

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12965768 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 #C5D788 looks like.

```
.text, #text, p{  
    color:#C5D788  
}
```

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 #C5D788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5D788
}
```

## Border

The CSS property to change the border of an element to Decimal 12965768 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
#C5D788 }
```

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

```
.border{ border-color:#C5D788 }
```

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

Here you see how a box with a 4 pixel #C5D788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5D788; -webkit-box-shadow:4px 4px  
4px 4px #C5D788; box-shadow:4px 4px 4px  
4px #C5D788 }
```

# Background

The CSS property to change the background color of an element to Decimal 12965768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5D788 }
```

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

```
.background{ background-color:#C5D788 }
```

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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