

# Converting Colors

Decimal(12965183)

Have a look what the booklet for  
Decimal(12965183) contains.

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# **Color**

**Decimal(12965183)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5D53F
RGB	197, 213, 63
RGB Percent	77%, 84%, 25%
CMY	0.2275, 0.1647, 0.7529
CMYK	0.08, 0.00, 0.70, 0.16
HSL	66°, 64%, 54%
HSV	66°, 70%, 84%
XYZ	47.7174, 59.8177, 13.7336
YIQ	191.1160, 38.6140, -50.0420

# Conversions

## Conversions Part 2

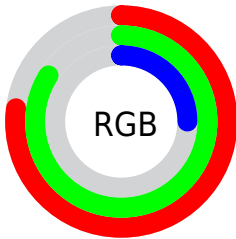
Format	Color
<a href="#">RYB</a>	<a href="#">63, 213, 79</a>
Decimal	<a href="#">12965183</a>
CIELab	<a href="#">81.74, -23.90, 68.21</a>
CIELCh	<a href="#">82, 72.280, 109.308</a>
Yxy	<a href="#">59.8177, 0.3935, 0.4933</a>
Android (android.graphics.Color)	<a href="#">4291155263 (0xFFC5D53F)</a>
YUV	<a href="#">191.1160, -63.1612, 5.1603</a>
Hunter-Lab	<a href="#">77.3419, -25.2197, 43.6112</a>

# Details

The Decimal color **12965183** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5193685**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16777080**, and **9215488** is the 20% darker color. If you saturate the color by 10%, you get **12834090**, and if you desaturate by 10%, it is **13096276**.

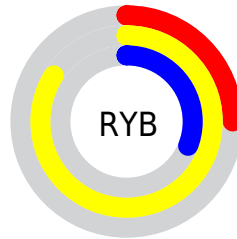
# Distribution



Red (77%)

Green (84%)

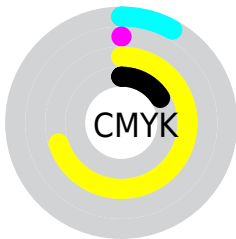
Blue (25%)



Red (25%)

Yellow (84%)

Blue (31%)

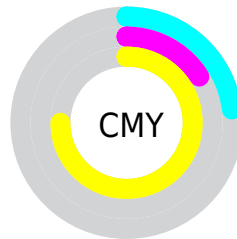


Cyan (8%)

Magenta (0%)

Yellow (70%)

Black (16%)



Cyan (23%)

Magenta (16%)

















Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12965183 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 12965183 by changing the saturation by 10% instead.



 12965183	 12965183
16777215	 11057438
 16777080	 9215488
 16777108	 7373824
 16777136	 5532416
 16777165	 3756800
 16777194	 1981440
	 9728
	 3072
	 0

■ 12965183

■ 12965183

■ 12834090

■ 13096276

■ 12637460

■ 13292906

■ 12506368

■ 13423999

■ 13555092

■ 13686186

■ 13882815

■ 14013908

■ 14145001

■ 14276095

# Harmonies

## Analogous

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



16760637



12965183



7594862

# Triad

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



12965183



59391



16748774

# Complementary

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



12965183



5193685

# 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.



16754431



12965183



56063

# Square

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



12965183



60662



10601471



16748450

# Rectangle

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



12965183



59801



10601471



16750077

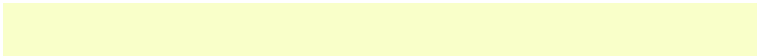


# Sweetspot

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



12965183



16383945



13979199



8159328



0



8421504



# Same Dimension

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



12965183



15269670



8115519



6974304



10070784



2566912



# Inverse Universe

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



5193685



4007679



10043349



6447211



1179819



327723



# Previews

## White Background



This preview shows how the Decimal color 12965183 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 12965183 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 12965183 Background



This preview shows how black text looks on a background with the Decimal color 12965183.

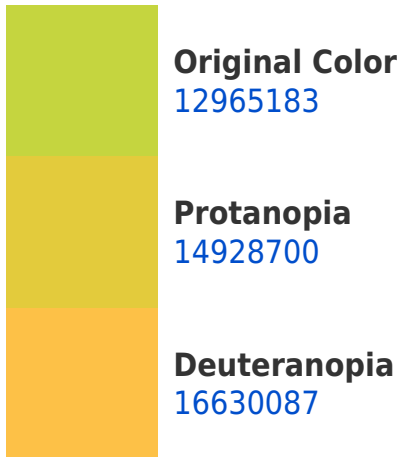


This preview shows how white text looks on a background with the Decimal color 12965183.

# 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](#).

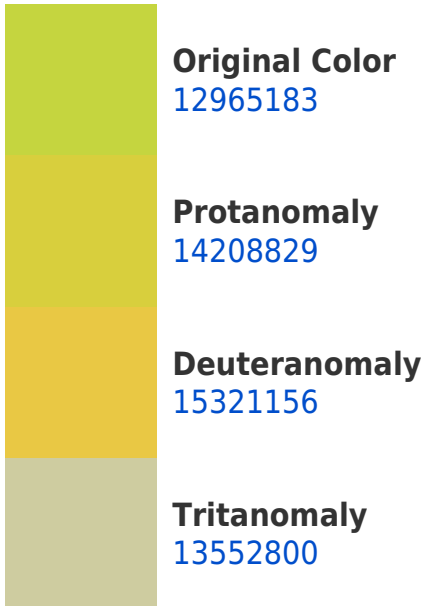
## Dichromacy





**Tritanopia**  
13879255

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12965183 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 #C5D53F looks like.

```
.text, #text, p{  
    color:#C5D53F  
}
```

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 #C5D53F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5D53F
}
```

## Border

The CSS property to change the border of an element to Decimal 12965183 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
#C5D53F }
```

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

```
.border{ border-color:#C5D53F }
```

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

Here you see how a box with a 4 pixel #C5D53F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5D53F; -webkit-box-shadow:4px 4px  
4px 4px #C5D53F; box-shadow:4px 4px 4px  
4px #C5D53F }
```

# Background

The CSS property to change the background color of an element to Decimal 12965183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5D53F }
```

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

```
.background{ background-color:#C5D53F }
```

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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