

# Converting Colors

Decimal(12964176)

Have a look what the booklet for  
Decimal(12964176) contains.

|  |    |
|--|----|
| <b>Decimal(12964176)</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(12964176)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C5D150                      |
| RGB         | 197, 209, 80                |
| RGB Percent | 77%, 82%, 31%               |
| CMY         | 0.2275, 0.1804, 0.6863      |
| CMYK        | 0.06, 0.00, 0.62, 0.18      |
| HSL         | 66°, 58%, 57%               |
| HSV         | 66°, 62%, 82%               |
| XYZ         | 47.2744, 58.0504, 16.3026   |
| YIQ         | 190.7060, 34.2570, -42.6630 |

# Conversions

## Conversions Part 2

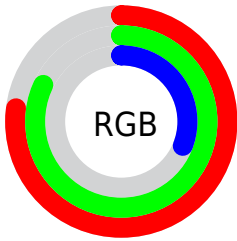
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 80, 209, 92                   |
| Decimal                             | 12964176                      |
| CIE <sub>Lab</sub>                  | 80.77, -20.94, 60.64          |
| CIE <sub>LCh</sub>                  | 81, 64.153, 109.053           |
| Yxy                                 | 58.0504, 0.3887,<br>0.4773    |
| Android<br>(android.graphics.Color) | 4291154256<br>(0xFFC5D150)    |
| YUV                                 | 190.7060, -54.5781,<br>5.5198 |
| Hunter-Lab                          | 76.1908, -22.5794,<br>40.6472 |

# Details

The Decimal color **12964176** 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 **6050001**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16777094**, and **9214739** is the 20% darker color. If you saturate the color by 10%, you get **12833083**, and if you desaturate by 10%, it is **13095269**.

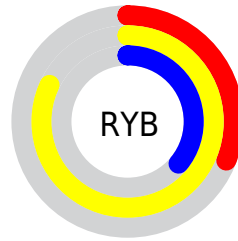
# Distribution



Red (77%)

Green (82%)

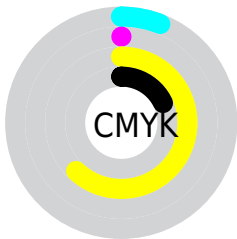
Blue (31%)



Red (31%)

Yellow (82%)

Blue (36%)

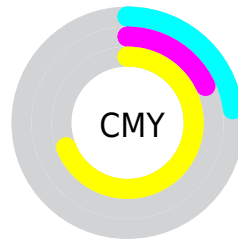


Cyan (6%)

Magenta (0%)

Yellow (62%)

Black (18%)



Cyan (23%)

Magenta (18%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12964176 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 12964176 by changing the saturation by 10% instead.



 12964176

 12964176

16777215

 11056436

 16777094

 9214739

 16777122

 7438592

 16777150

 5662720

 16777179

 3952640

 16777208

 2177280

 271104

 1280

 0

■ 12964176

■ 12964176

■ 12833083

■ 13095269

■ 12701990

■ 13226362

■ 12570897

■ 13357455

■ 12505344

■ 13488548

■ 13619641

■ 13750733

■ 13881826

■ 14012919

■ 14078463

# Harmonies

## Analogous

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



16629326



12964176



8314486

# Triad

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



12964176



57855



16750305

# Complementary

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



12964176



6050001

# 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.



16558591



12964176



54783

# Square

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



12964176



59118



10928639



16750245

# Rectangle

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



12964176



3138459



10928639



16751605



# Sweetspot

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



12964176



16449487



13720400



8224866



0



8421504



# Same Dimension

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



12964176



15597378



8835408



6842718



10070016



2435328



# Inverse Universe

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



6050001



5522175



10178769



6250089



1048744



262185



# Previews

## White Background



This preview shows how the Decimal color 12964176 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 12964176 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 12964176 Background



This preview shows how black text looks on a background with the Decimal color 12964176.

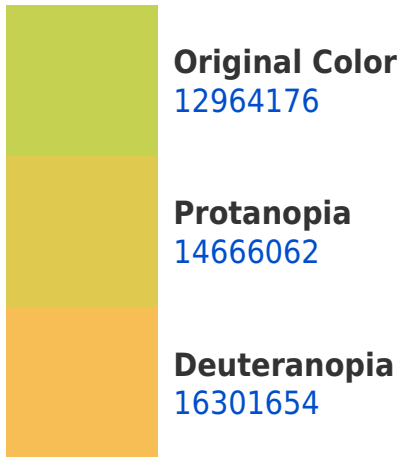


This preview shows how white text looks on a background with the Decimal color 12964176.

# 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**  
13812947

# Trichromacy



**Original Color**  
12964176

**Protanomaly**  
14077007

**Deuteranomaly**  
15058260

**Tritanomaly**  
13486499

# Monochromacy



**Original Color**  
12964176

**Achromatopsia**  
12566463

**Achromatomaly**  
12699287

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12964176 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 #C5D150 looks like.

```
.text, #text, p{  
    color:#C5D150  
}
```

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 #C5D150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5D150
}
```

## Border

The CSS property to change the border of an element to Decimal 12964176 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
#C5D150 }
```

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

```
.border{ border-color:#C5D150 }
```

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

Here you see how a box with a 4 pixel #C5D150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5D150; -webkit-box-shadow:4px 4px  
4px 4px #C5D150; box-shadow:4px 4px 4px  
4px #C5D150 }
```

# Background

The CSS property to change the background color of an element to Decimal 12964176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5D150 }
```

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

```
.background{ background-color:#C5D150 }
```

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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