

# Converting Colors

Decimal(12765320)

Have a look what the booklet for  
Decimal(12765320) contains.

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# **Color**

**Decimal(12765320)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2C888
RGB	194, 200, 136
RGB Percent	76%, 78%, 53%
CMY	0.2392, 0.2157, 0.4667
CMYK	0.03, 0.00, 0.32, 0.22
HSL	66°, 37%, 66%
HSV	66°, 32%, 78%
XYZ	47.3463, 54.5555, 31.3274
YIQ	190.9100, 16.9680, -21.1760

# Conversions

## Conversions Part 2

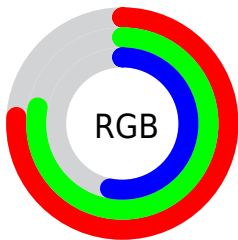
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 200, 142
Decimal	12765320
CIELab	78.78, -12.20, 31.39
CIELCh	79, 33.675, 111.236
Yxy	54.5555, 0.3554, 0.4095
Android (android.graphics.Color)	4290955400 (0xFFC2C888)
YUV	190.9100, -27.0706, 2.7099
Hunter-Lab	73.8617, -14.8370, 26.5561

# Details

The Decimal color **12765320** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9341128**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16515006**, and **9212501** is the 20% darker color. If you saturate the color by 10%, you get **12634228**, and if you desaturate by 10%, it is **12896412**.

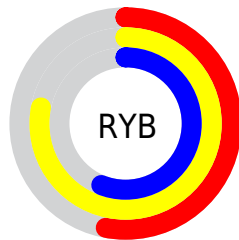
# Distribution



Red (76%)

Green (78%)

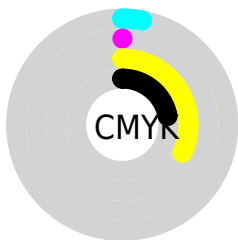
Blue (53%)



Red (53%)

Yellow (78%)

Blue (56%)

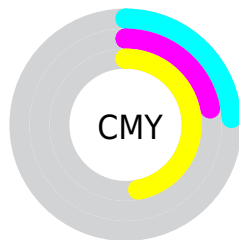


Cyan (3%)

Magenta (0%)

Yellow (32%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12765320 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 12765320 by changing the saturation by 10% instead.



 12765320

 12765320

16777215

 10923374

 16515006

 9212501

 16777178

 7436349

 16777207

 5791782

 4212751

 2699776

 1056000

 0

 12765320

 12765320


 12634228

 12896412

 12503136

 13027504

 12372044

 13158596

 12306488

 13289688

 12175396

 13355244

 12044304

 13486335

 11913216

 13617407

 13748479

 13879551

# Harmonies

## Analogous

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



14794373



12765320



10408091

# Triad

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



12765320



6738163



16493774

# Complementary

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



12765320



9341128

# 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.



14857195



12765320



9226751

# Square

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



12765320



6345945



12304125



16756142

# Rectangle

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



12765320



8836014



12304125



16035544



# Sweetspot

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



12765320



16646118



13143432



8290416



0



8421504



# Same Dimension

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



12765320



16187294



10733704



6513498



9741056



2106368



# Inverse Universe

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



9341128



10985215



11372744



5921379



983203



196644



# Previews

## White Background



This preview shows how the Decimal color 12765320 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 12765320 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

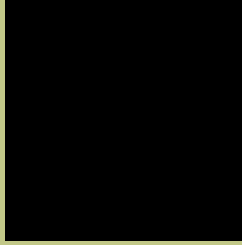
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

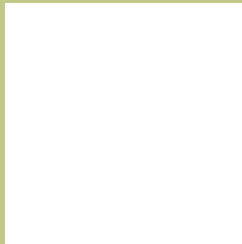
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12765320 Background



This preview shows how black text looks on a background with the Decimal color 12765320.

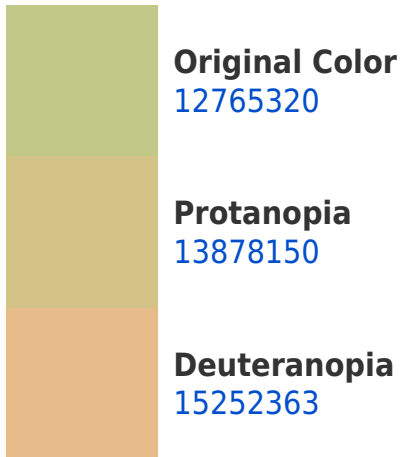



This preview shows how white text looks on a background with the Decimal color 12765320.

# 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](#).

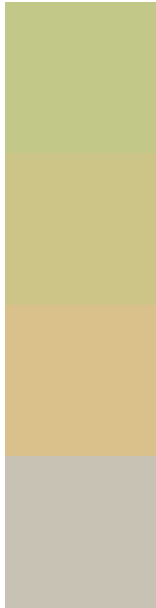
## Dichromacy





**Tritanopia**  
13352910

# Trichromacy



**Original Color**  
12765320

**Protanomaly**  
13485447

**Deuteranomaly**  
14336138

**Tritanomaly**  
13157045

# Monochromacy



**Original Color**  
12765320

**Achromatopsia**  
12566463

**Achromatomaly**  
12632747

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12765320 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 #C2C888 looks like.

```
.text, #text, p{  
    color:#C2C888  
}
```

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 #C2C888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C888
}
```

## Border

The CSS property to change the border of an element to Decimal 12765320 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
#C2C888 }
```

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

```
.border{ border-color:#C2C888 }
```

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

Here you see how a box with a 4 pixel #C2C888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C888; -webkit-box-shadow:4px 4px  
4px 4px #C2C888; box-shadow:4px 4px 4px  
4px #C2C888 }
```

# Background

The CSS property to change the background color of an element to Decimal 12765320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C888 }
```

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

```
.background{ background-color:#C2C888 }
```

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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