

# Converting Colors

Decimal(12440765)

Have a look what the booklet for  
Decimal(12440765) contains.

<b>Decimal(12440765)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12440765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD4BD
RGB	189, 212, 189
RGB Percent	74%, 83%, 74%
CMY	0.2588, 0.1686, 0.2588
CMYK	0.11, 0.00, 0.11, 0.17
HSL	120°, 21%, 79%
HSV	120°, 11%, 83%
XYZ	53.7151, 61.5799, 57.1991
YIQ	202.5010, -6.3250, -12.0290

# Conversions

## Conversions Part 2

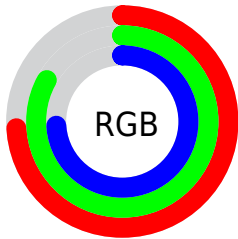
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 212, 212
Decimal	12440765
CIELab	82.69, -12.00, 8.78
CIELCh	83, 14.868, 143.814
Yxy	61.5799, 0.3114, 0.3570
Android (android.graphics.Color)	4290630845 (0xFFBDD4BD)
YUV	202.5010, -6.6560, -11.8404
Hunter-Lab	78.4729, -15.1434, 11.7143

# Details

The Decimal color **12440765** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13942228**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **16121845**, and **8953224** is the 20% darker color. If you saturate the color by 10%, you get **11064488**, and if you desaturate by 10%, it is **13817042**.

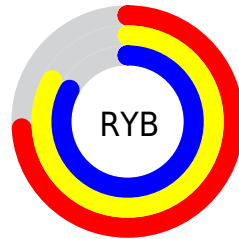
# Distribution



Red (74%)

Green (83%)

Blue (74%)



Red (74%)

Yellow (83%)

Blue (83%)

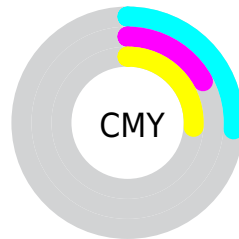


Cyan (11%)

Magenta (0%)

Yellow (11%)

Black (17%)



Cyan (26%)

Magenta (17%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12440765 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 12440765 by changing the saturation by 10% instead.



■ 12440765

■ 12440765

16777215

■ 10664098

■ 16121845

■ 8953224

■ 7242606

■ 5663318

■ 4084287

■ 2636585

■ 1254676

■ 4352

■ 0


 12440765

 12440765

 11064488

 13817042

 9688211

 15193319


 8246397

 16635133

 6870120

 16766207

 5493843

 4117566

 2741289

 1299475

 54272

# Harmonies

## Analogous

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



13488308



12440765



11589322

# Triad

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



12440765



12308713



15517123

# Complementary

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



12440765



13942228

# 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.



15320529



12440765



13487079

# Square

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



12440765



11457764



14534622



15190200

# Rectangle

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



12440765



11261652



14534622



15516872



# Sweetspot

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



12440765



16252919



13948093



8028282



0



8421504

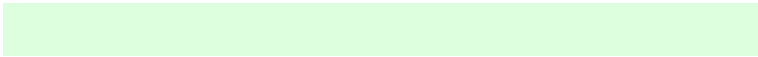


# Same Dimension

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



12440765



14614494



12440777



6318944



43776



11008



# Inverse Universe

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



13942228



16768767



13942217



7037035



11206827

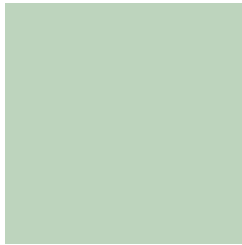


2818091



# Previews

## White Background



This preview shows how the Decimal color 12440765 looks on a white background.

## Color Contrast Check

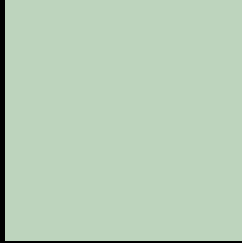
Large Text (above 18pt) WCAG AA × Fail

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 12440765 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

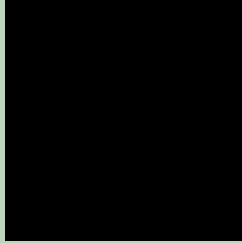
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

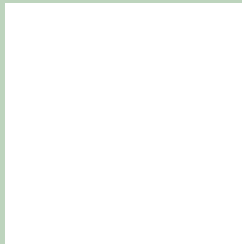
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12440765 Background



This preview shows how black text looks on a background with the Decimal color 12440765.

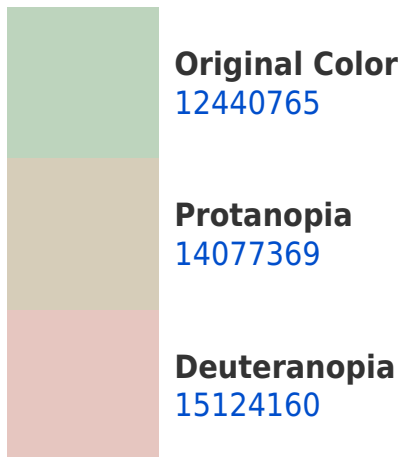


This preview shows how white text looks on a background with the Decimal color 12440765.

# 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





# Trichromacy



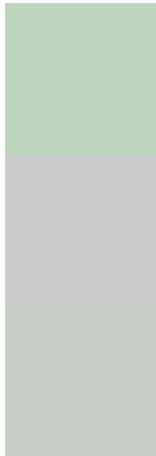
**Original Color**  
12440765

**Protanomaly**  
13488314

**Deuteranomaly**  
14142399

**Tritanomaly**  
12702163

# Monochromacy



**Original Color**  
12440765

**Achromatopsia**  
13355979

**Achromatomaly**  
13029062

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12440765 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 #BDD4BD looks like.

```
.text, #text, p{  
    color:#BDD4BD  
}
```

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 #BDD4BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD4BD
}
```

## Border

The CSS property to change the border of an element to Decimal 12440765 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
#BDD4BD }
```

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

```
.border{ border-color:#BDD4BD }
```

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

Here you see how a box with a 4 pixel #BDD4BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD4BD; -webkit-box-shadow:4px 4px  
4px 4px #BDD4BD; box-shadow:4px 4px 4px  
4px #BDD4BD }
```

# Background

The CSS property to change the background color of an element to Decimal 12440765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD4BD }
```

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

```
.background{ background-color:#BDD4BD }
```

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