

# Converting Colors

Decimal(12443332)

Have a look what the booklet for  
Decimal(12443332) contains.

<b>Decimal(12443332)</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(12443332)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDDEC4
RGB	189, 222, 196
RGB Percent	74%, 87%, 77%
CMY	0.2588, 0.1294, 0.2314
CMYK	0.15, 0.00, 0.12, 0.13
HSL	133°, 33%, 81%
HSV	133°, 15%, 87%
XYZ	57.0713, 67.0469, 62.1579
YIQ	209.1690, -11.3220, -15.0820

# Conversions

## Conversions Part 2

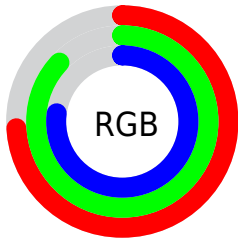
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 216, 222
Decimal	12443332
CIELab	85.53, -15.80, 9.14
CIElCh	86, 18.248, 149.955
Yxy	67.0469, 0.3064, 0.3599
Android (android.graphics.Color)	4290633412 (0xFFBDDEC4)
YUV	209.1690, -6.4923, -17.6882
Hunter-Lab	81.8822, -18.8804, 12.3096

# Details

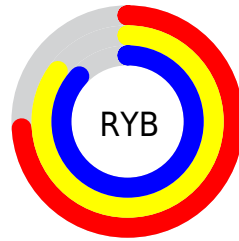
The Decimal color **12443332** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14597591**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16121853**, and **8890254** is the 20% darker color. If you saturate the color by 10%, you get **11001523**, and if you desaturate by 10%, it is **13885141**.

# Distribution



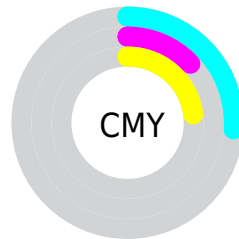
- Red (74%)
- Green (87%)
- Blue (77%)



- Red (74%)
- Yellow (85%)
- Blue (87%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12443332 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 12443332 by changing the saturation by 10% instead.





 12443332

 12443332

 11001523

 13885141

 9559713

 15326951

 8052368

 16768760

 6610558

 16768767

 5168749

 3726939

 2285130

 777784

 56879

# Harmonies

## Analogous

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



13687480



12443332



11460821

# Triad

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



12443332



12834808



16436165

# Complementary

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



12443332



14597591

# 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.



16304854



12443332



14275060

# Square

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



12443332



11590899



15518951



15978424

# Rectangle

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



12443332



11133153



15518951



16501451



# Sweetspot

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



12443332



16121847



14147261



7962746



0



8421504

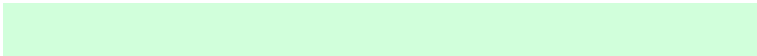


# Same Dimension

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



12443332



13762523



12443348



6647911



45093



12298



# Inverse Universe

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



14597591



16765429



14597575



7365998



11534475

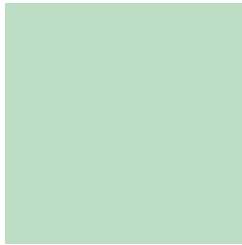


3145766



# Previews

## White Background



This preview shows how the Decimal color 12443332 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 12443332 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

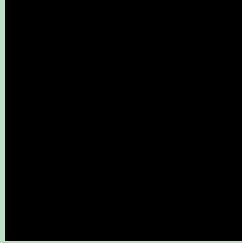
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

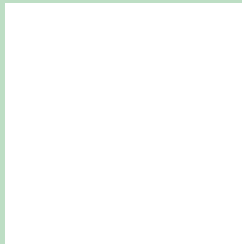
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12443332 Background



This preview shows how black text looks on a background with the Decimal color 12443332.



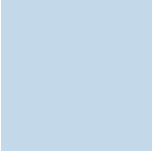
This preview shows how white text looks on a background with the Decimal color 12443332.

# 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**  
12835306

# Trichromacy



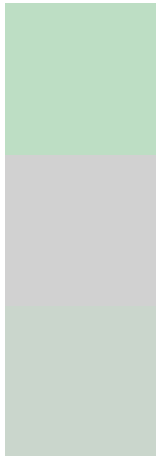
**Original Color**  
12443332

**Protanomaly**  
13818049

**Deuteranomaly**  
14537926

**Tritanomaly**  
12704732

# Monochromacy



**Original Color**  
12443332

**Achromatopsia**  
13750737

**Achromatomaly**  
13293260

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12443332 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 #BDDEC4 looks like.

```
.text, #text, p{  
    color:#BDDEC4  
}
```

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 #BDDEC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDDEC4
}
```

## Border

The CSS property to change the border of an element to Decimal 12443332 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
#BDDEC4 }
```

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

```
.border{ border-color:#BDDEC4 }
```

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

Here you see how a box with a 4 pixel #BDDEC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDDEC4; -webkit-box-shadow:4px 4px  
4px 4px #BDDEC4; box-shadow:4px 4px 4px  
4px #BDDEC4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12443332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDDEC4 }
```

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

```
.background{ background-color:#BDDEC4 }
```

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