

# Converting Colors

Decimal(12763358)

Have a look what the booklet for  
Decimal(12763358) contains.

<b>Decimal(12763358)</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(12763358)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2C0DE
RGB	194, 192, 222
RGB Percent	76%, 75%, 87%
CMY	0.2392, 0.2471, 0.1294
CMYK	0.13, 0.14, 0.00, 0.13
HSL	244°, 31%, 81%
HSV	244°, 14%, 87%
XYZ	54.2826, 54.4425, 76.7547
YIQ	196.0180, -8.4380, 9.7540

# Conversions

## Conversions Part 2

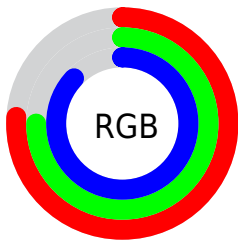
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 192, 222
Decimal	12763358
CIELab	78.72, 6.57, -14.69
CIELCh	79, 16.088, 294.083
Yxy	54.4425, 0.2927, 0.2935
Android (android.graphics.Color)	4290953438 (0xFFC2C0DE)
YUV	196.0180, 12.8091, -1.7698
Hunter-Lab	73.7852, 2.1955, -10.0265

# Details

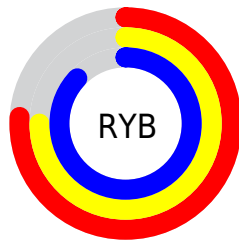
The Decimal color **12763358** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14474944**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16513279**, and **9210791** is the 20% darker color. If you saturate the color by 10%, you get **11381470**, and if you desaturate by 10%, it is **14145246**.

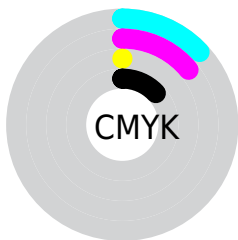
# Distribution



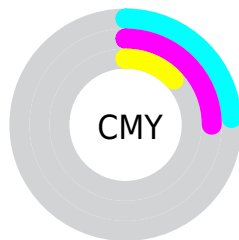
- Red (76%)
- Green (75%)
- Blue (87%)



- Red (76%)
- Yellow (75%)
- Blue (87%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (25%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12763358 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 12763358 by changing the saturation by 10% instead.



■ 12763358

16777215

■ 16513279

■ 12763358

■ 10986946

■ 9210791

■ 7565708

■ 5921139

■ 4342106

■ 2829123

■ 1447725

■ 24

■ 0

■ 12763358

■ 12763358

■ 11381470

■ 14145246

■ 10065118

■ 15461598

■ 8682974

■ 16777182

■ 7301086

■ 5919198

■ 4602846

■ 3220958

■ 1838814

■ 983262

# Harmonies

## Analogous

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



11519456



12763358



13941717

# Triad

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



12763358



14597291



10734527

# Complementary

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



12763358



14474944

# 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.



11651505



12763358



13812133

# Square

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



12763358



14924215



12764839



10275790

# Rectangle

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



12763358



14465483



12764839



10996666



# Sweetspot

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



12763358



16119295



12639454



8026496



0



8421504



# Same Dimension

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



12763358



14276351



13746398



6710640



786608



196656



# Inverse Universe

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



14598364



16766716



13491904



7365999



11534500



3145773



# Previews

## White Background



This preview shows how the Decimal color 12763358 looks on a white background.

## Color Contrast Check

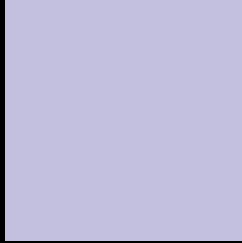
Large Text (above 18pt) WCAG AA × Fail

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 12763358 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

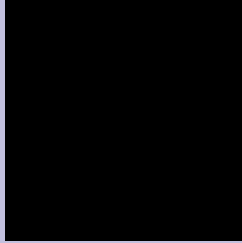
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12763358 Background



This preview shows how black text looks on a background with the Decimal color 12763358.



This preview shows how white text looks on a background with the Decimal color 12763358.

# 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](#).

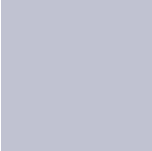
## Dichromacy



**Original Color**  
12763358

**Protanopia**  
12501471

**Deuteranopia**  
13221598



**Tritanopia**  
12632785

# Trichromacy



**Original Color**  
12763358

**Protanomaly**  
12567007

**Deuteranomaly**  
13025246

**Tritanomaly**  
12698070

# Monochromacy



**Original Color**  
12763358

**Achromatopsia**  
12895428

**Achromatomaly**  
12829645

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12763358 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 #C2C0DE looks like.

```
.text, #text, p{  
    color:#C2C0DE  
}
```

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 #C2C0DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C0DE
}
```

## Border

The CSS property to change the border of an element to Decimal 12763358 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
#C2C0DE }
```

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

```
.border{ border-color:#C2C0DE }
```

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

Here you see how a box with a 4 pixel `#C2C0DE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C0DE; -webkit-box-shadow:4px 4px  
4px 4px #C2C0DE; box-shadow:4px 4px 4px  
4px #C2C0DE }
```

# Background

The CSS property to change the background color of an element to Decimal 12763358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C0DE }
```

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

```
.background{ background-color:#C2C0DE }
```

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