

# Converting Colors

Decimal(12633076)

Have a look what the booklet for  
Decimal(12633076) contains.

<b>Decimal(12633076)</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(12633076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0C3F4
RGB	192, 195, 244
RGB Percent	75%, 76%, 96%
CMY	0.2471, 0.2353, 0.0431
CMYK	0.21, 0.20, 0.00, 0.04
HSL	237°, 70%, 85%
HSV	237°, 21%, 96%
XYZ	57.5825, 56.7683, 93.5104
YIQ	199.6890, -17.5170, 14.6030

# Conversions

## Conversions Part 2

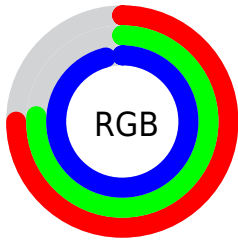
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">192, 195, 244</a>
Decimal	<a href="#">12633076</a>
CIELab	<a href="#">80.05, 9.07, -24.50</a>
CIELCh	<a href="#">80, 26.130, 290.318</a>
Yxy	<a href="#">56.7683, 0.2770, 0.2731</a>
Android (android.graphics.Color)	<a href="#">4290823156 (0xFFC0C3F4)</a>
YUV	<a href="#">199.6890, 21.8453, -6.7433</a>
Hunter-Lab	<a href="#">75.3448, 4.5658, -20.8435</a>

# Details

The Decimal color **12633076** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16052672**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **16382975**, and **9080252** is the 20% darker color. If you saturate the color by 10%, you get **11054324**, and if you desaturate by 10%, it is **14211828**.

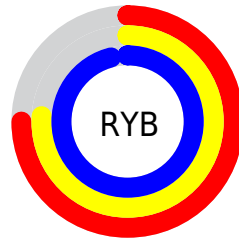
# Distribution



Red (75%)

Green (76%)

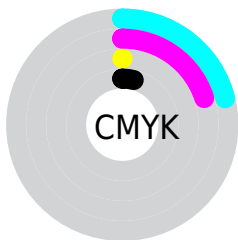
Blue (96%)



Red (75%)

Yellow (76%)

Blue (96%)

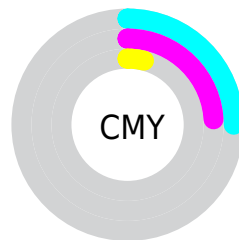


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (24%)









Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12633076 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 12633076 by changing the saturation by 10% instead.



 12633076	 12633076
16777215	 10856663
 16382975	 9080252
	 7369889
	 5659526
	 4080749
	 2502228
	 858429
	 39
	 273

■ 12633076

■ 12633076

■ 11054324

■ 14211828

■ 9410036

■ 15856116

■ 7831284

■ 16777204

■ 6186996

■ 4608244

■ 3029492

■ 1385204

■ 3828

# Harmonies

## Analogous

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



10472438



12633076



14597094

# Triad

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



12633076



15907490



9557181

# Complementary

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



12633076



16052672

# 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.



11260071



12633076



14729879

# Square

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



12633076



16365239



13093529



8574166

# Rectangle

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



12633076



15579095



13093529



10081205



# Sweetspot

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



12633076



15790591



12645617



7829376



0



8421504



# Same Dimension

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



12633076



12435967



14139636



7237498



3002



827



# Inverse Universe

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



16040131



16760257



14546112



8023663



12189707

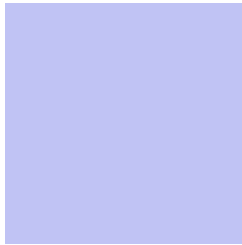


3866627



# Previews

## White Background



This preview shows how the Decimal color 12633076 looks on a white background.

## Color Contrast Check

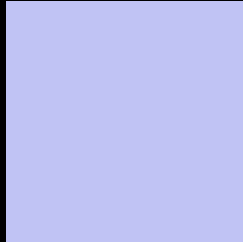
Large Text (above 18pt) WCAG AA × Fail

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 12633076 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

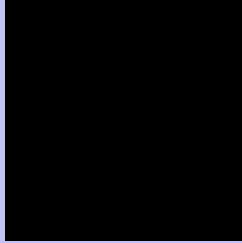
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12633076 Background



This preview shows how black text looks on a background with the Decimal color 12633076.



This preview shows how white text looks on a background with the Decimal color 12633076.

# 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**  
12633076

**Protanopia**  
12305653

**Deuteranopia**  
12763892



# Trichromacy



**Original Color**  
12633076

**Protanomaly**  
12436725

**Deuteranomaly**  
12698356

**Tritanomaly**  
12437218

# Monochromacy



**Original Color**  
12633076

**Achromatopsia**  
13158600

**Achromatomaly**  
12961496

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12633076 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 #C0C3F4 looks like.

```
.text, #text, p{  
    color:#C0C3F4  
}
```

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 #C0C3F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0C3F4
}
```

## Border

The CSS property to change the border of an element to Decimal 12633076 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
#C0C3F4 }
```

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

```
.border{ border-color:#C0C3F4 }
```

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

Here you see how a box with a 4 pixel `#C0C3F4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0C3F4; -webkit-box-shadow:4px 4px  
4px 4px #C0C3F4; box-shadow:4px 4px 4px  
4px #C0C3F4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12633076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0C3F4 }
```

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

```
.background{ background-color:#C0C3F4 }
```

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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