

# Converting Colors

Decimal(12303833)

Have a look what the booklet for  
Decimal(12303833) contains.

<b>Decimal(12303833)</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(12303833)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBBDD9
RGB	187, 189, 217
RGB Percent	73%, 74%, 85%
CMY	0.2667, 0.2588, 0.1490
CMYK	0.14, 0.13, 0.00, 0.15
HSL	236°, 28%, 79%
HSV	236°, 14%, 85%
XYZ	51.2155, 51.9697, 72.9775
YIQ	191.5940, -10.1800, 8.2840

# Conversions

## Conversions Part 2

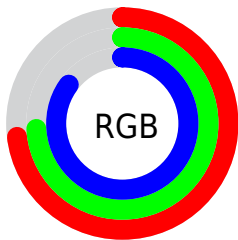
Format	Color
<a href="#">RYB</a>	<a href="#">187, 189, 217</a>
Decimal	<a href="#">12303833</a>
CIELab	<a href="#">77.26, 4.88, -14.23</a>
CIELCh	<a href="#">77, 15.042, 288.919</a>
Yxy	<a href="#">51.9697, 0.2907, 0.2950</a>
Android (android.graphics.Color)	<a href="#">4290493913</a> <a href="#">(0xFFBBBDD9)</a>
YUV	<a href="#">191.5940, 12.5252, -4.0289</a>
Hunter-Lab	<a href="#">72.0900, 0.6556, -9.5568</a>

# Details

The Decimal color **12303833** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14276539**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **15988223**, and **8816802** is the 20% darker color. If you saturate the color by 10%, you get **10856921**, and if you desaturate by 10%, it is **13750745**.

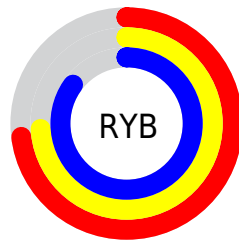
# Distribution



Red (73%)

Green (74%)

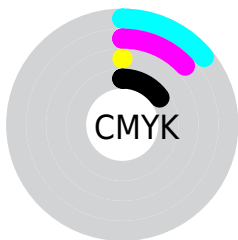
Blue (85%)



Red (73%)

Yellow (74%)

Blue (85%)

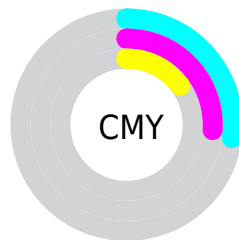


Cyan (14%)

Magenta (13%)

Yellow (0%)

Black (15%)



Cyan (27%)

Magenta (26%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12303833 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 12303833 by changing the saturation by 10% instead.



■ 12303833

16777215

■ 15988223

■ 12303833

■ 10527421

■ 8816802

■ 7106184

■ 5527150

■ 3948374

■ 2500927

■ 1119529

■ 276

■ 0

■ 12303833

■ 12303833

■ 10856921

■ 13750745

■ 9475289

■ 15132377

■ 8028377

■ 16579289

■ 6581465

■ 16777177

■ 5134553

■ 3752921

■ 2306009

■ 859097

■ 3801

# Harmonies

## Analogous

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



11191002



12303833



13416913

# Triad

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



12303833



14268586



10733497

# Complementary

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



12303833



14276539

# 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.



11650220



12303833



13614244

# Square

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



12303833



14530230



12698020



10209223

# Rectangle

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



12303833



14005961



12698020



10995380



# Sweetspot

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



12303833



16119295



12310999



7961216



0



8421504



# Same Dimension

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



12303833



13948927



13155289



6513518



3245



814



# Inverse Universe

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



14269373



16766167



13425083



7234403



11337740

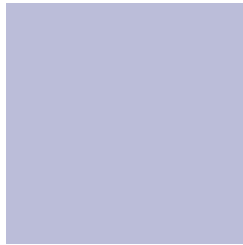


3014659



# Previews

## White Background



This preview shows how the Decimal color 12303833 looks on a white background.

## Color Contrast Check

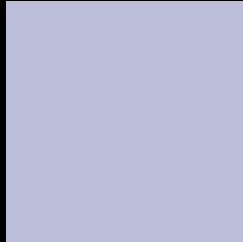
Large Text (above 18pt) WCAG AA × Fail

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 12303833 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

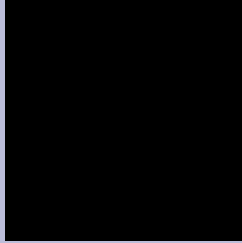
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12303833 Background



This preview shows how black text looks on a background with the Decimal color 12303833.



This preview shows how white text looks on a background with the Decimal color 12303833.

# 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**  
12303833

**Protanopia**  
12238297

**Deuteranopia**  
12892890



**Tritanopia**  
12173262

# Trichromacy



**Original Color**  
12303833

**Protanomaly**  
12238297

**Deuteranomaly**  
12696538

**Tritanomaly**  
12238546

# Monochromacy



**Original Color**  
12303833

**Achromatopsia**  
12632256

**Achromatomaly**  
12500937

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12303833 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 #BBBDD9 looks like.

```
.text, #text, p{  
    color:#BBBDD9  
}
```

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 #BBBDD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBBDD9  
}
```

## Border

The CSS property to change the border of an element to Decimal 12303833 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  
#BBBDD9 }
```

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

```
.border{ border-color:#BBBDD9 }
```

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

Here you see how a box with a 4 pixel #BBBDD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBBDD9; -webkit-box-shadow:4px 4px  
4px 4px #BBBDD9; box-shadow:4px 4px 4px  
4px #BBBDD9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12303833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBBDD9 }
```

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

```
.background{ background-color:#BBBDD9 }
```

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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