

# Converting Colors

Decimal(10883)

Have a look what the booklet for  
Decimal(10883) contains.

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# Color

**Decimal(10883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	002A83
RGB	0, 42, 131
RGB Percent	0%, 16%, 51%
CMY	1.0000, 0.8353, 0.4863
CMYK	1.00, 0.68, 0.00, 0.49
HSL	221°, 100%, 26%
HSV	221°, 100%, 51%
XYZ	4.9247, 3.2946, 21.8491
YIQ	39.5880, -53.6010, 18.7750

# Conversions

## Conversions Part 2

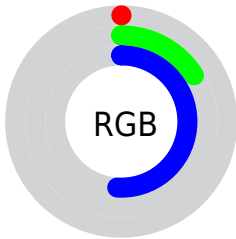
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 32, 131
Decimal	10883
CIELab	21.19, 26.11, -52.97
CIELCh	21, 59.061, 296.240
Yxy	3.2946, 0.1638, 0.1096
Android (android.graphics.Color)	4278200963 (0xFF002A83)
YUV	39.5880, 45.0661, -34.7187
Hunter-Lab	18.1511, 16.6656, -58.6636

# Details

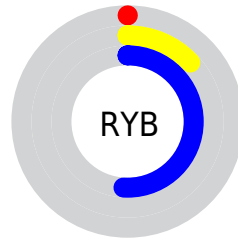
The Decimal color **10883** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8608000**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **5199801**, and **81** is the 20% darker color. If you saturate the color by 10%, you get **10883**, and if you desaturate by 10%, it is **865155**.

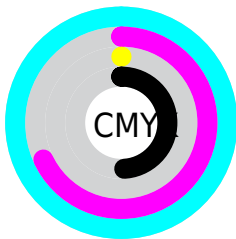
# Distribution



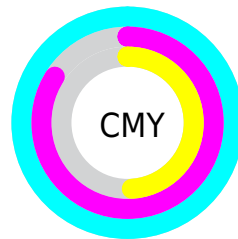
- Red (0%)
- Green (16%)
- Blue (51%)



- Red (0%)
- Yellow (13%)
- Blue (51%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (49%)




















- Cyan (100%)
- Magenta (84%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10883 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 10883 by changing the saturation by 10% instead.



 10883	 10883
 16777215	 5737
 5199801	 81
 7106517	 1336
 9013746	 546
 10855423	 8
 12762879	 0
 14670591	
 16643839	
 10883	

■ 865155

■ 1719427

■ 2573699

■ 3427971

■ 4347779

■ 5201795

■ 6056067

■ 6910339

■ 7764611

# Harmonies

## Analogous

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



15244



10883



6226020

# Triad

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



10883



6559488



17196

# Complementary

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



10883



8608000

# 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.



16384



10883



4468736

# Square

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



10883



7798800



1587968



17241

# Rectangle

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



10883



7536713



1587968



16924



# Sweetspot

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



10883



7899307



33623



3621207



14079702



5723991



# Same Dimension

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



10883



14251



1441923



3948098



10882



259



# Inverse Universe

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



8585258



11206711



7176960



4340798



8519722



196609



# Previews

## White Background



This preview shows how the Decimal color 10883 looks on a white background.

## Color Contrast Check

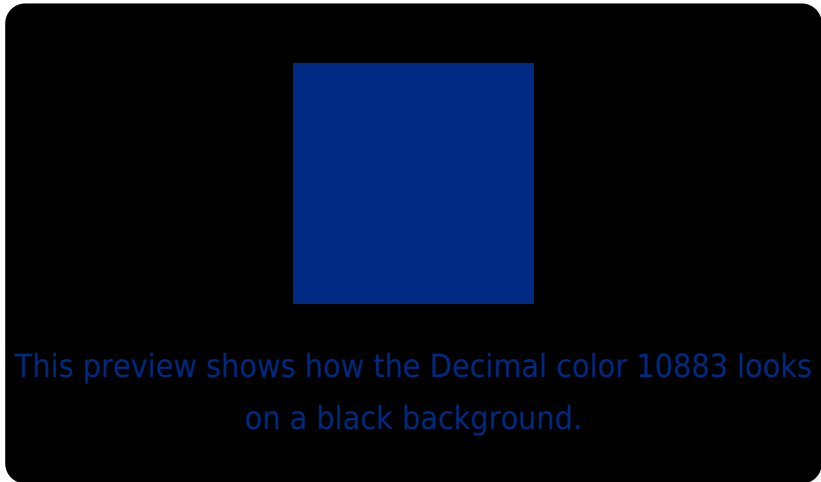
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

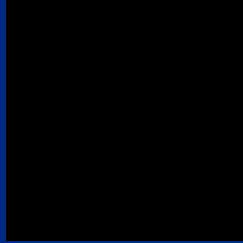
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10883 Background



This preview shows how black text looks on a background with the Decimal color 10883.



This preview shows how white text looks on a background with the Decimal color 10883.

# 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**  
10883

**Protanopia**  
12905

**Deuteranopia**  
13658



**Tritanopia**  
14909

# Trichromacy



**Original Color**  
10883

**Protanomaly**  
12146

**Deuteranomaly**  
12649

**Tritanomaly**  
13398

# Monochromacy



**Original Color**  
10883

**Achromatopsia**  
2631720

**Achromatomaly**  
1648969

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10883 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 #002A83 looks like.

```
.text, #text, p{  
    color:#002A83  
}
```

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 #002A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A83
}
```

## Border

The CSS property to change the border of an element to Decimal 10883 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
#002A83 }
```

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

```
.border{ border-color:#002A83 }
```

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

Here you see how a box with a 4 pixel #002A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A83; -webkit-box-shadow:4px 4px  
4px 4px #002A83; box-shadow:4px 4px 4px  
4px #002A83 }
```

# Background

The CSS property to change the background color of an element to Decimal 10883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A83 }
```

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

```
.background{ background-color:#002A83 }
```

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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