

# Converting Colors

Decimal(16283)

Have a look what the booklet for  
Decimal(16283) contains.

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# Color

**Decimal(16283)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003F9B
RGB	0, 63, 155
RGB Percent	0%, 25%, 61%
CMY	1.0000, 0.7529, 0.3922
CMYK	1.00, 0.59, 0.00, 0.39
HSL	216°, 100%, 30%
HSV	216°, 100%, 61%
XYZ	7.6939, 5.9216, 31.7478
YIQ	54.6510, -67.0800, 15.2560

# Conversions

## Conversions Part 2

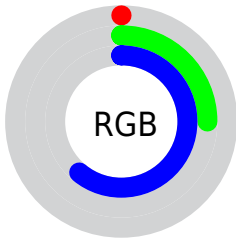
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 45, 155
Decimal	16283
CIELab	29.21, 21.40, -54.67
CIElCh	29, 58.708, 291.383
Yxy	5.9216, 0.1696, 0.1305
Android (android.graphics.Color)	4278206363 (0xFF003F9B)
YUV	54.6510, 49.4721, -47.9289
Hunter-Lab	24.3343, 13.8523, -60.3189

# Details

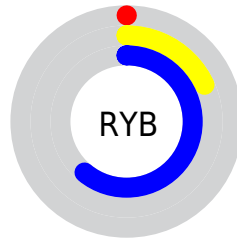
The Decimal color **16283** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10181632**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **5664466**, and **5991** is the 20% darker color. If you saturate the color by 10%, you get **16283**, and if you desaturate by 10%, it is **1001627**.

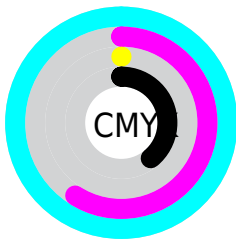
# Distribution



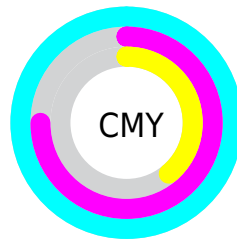
- Red (0%)
- Green (25%)
- Blue (61%)



- Red (0%)
- Yellow (18%)
- Blue (61%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (39%)



















- Cyan (100%)
- Magenta (75%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16283 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 16283 by changing the saturation by 10% instead.



 16283	 16283
 16777215	 10880
 5664466	 5991
 7571439	 78
 9544191	 1334
 11451647	 544
 13359359	 4
 15332607	 0

 16283

 1001627

■ 2052507

■ 3103643

■ 4088987

■ 5139867

■ 6125211

■ 7110555

■ 8161691

■ 9147035

# Harmonies

## Analogous

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



20384



16283



7086974

# Triad

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



16283



8332800



22070

# Complementary

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



16283



10181632

# 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.



21248



16283



6307328

# Square

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



16283



9437223



3623936



22373

# Rectangle

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



16283



8716643



3623936



22053



# Sweetspot

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



16283



9283273



39770



4280422



15132390



6710886



# Same Dimension

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



16283



21193



852123



4540493



14732



1293



# Inverse Universe

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



10158143



13172818



9345792



5064008



9175097



851973



# Previews

## White Background



This preview shows how the Decimal color 16283 looks on a white background.

## Color Contrast Check

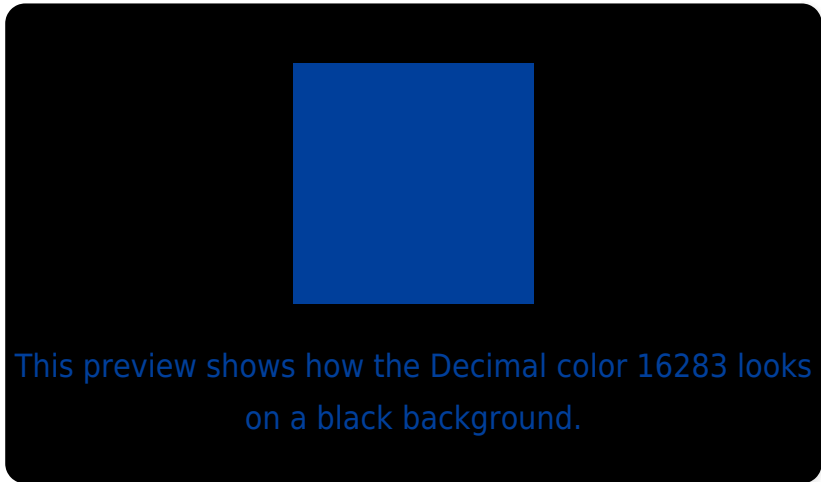
Large Text (above 18pt) WCAG AA ✓ Pass

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

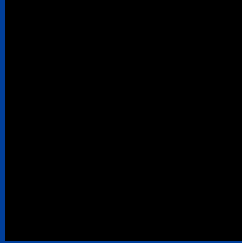
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 16283 Background



This preview shows how black text looks on a background with the Decimal color 16283.



This preview shows how white text looks on a background with the Decimal color 16283.

# 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



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16283 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 #003F9B looks like.

```
.text, #text, p{  
    color:#003F9B  
}
```

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 #003F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F9B
}
```

## Border

The CSS property to change the border of an element to Decimal 16283 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
#003F9B }
```

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

```
.border{ border-color:#003F9B }
```

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

Here you see how a box with a 4 pixel #003F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F9B; -webkit-box-shadow:4px 4px  
4px 4px #003F9B; box-shadow:4px 4px 4px  
4px #003F9B }
```

# Background

The CSS property to change the background color of an element to Decimal 16283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F9B }
```

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

```
.background{ background-color:#003F9B }
```

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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