

# Converting Colors

Decimal(15516)

Have a look what the booklet for  
Decimal(15516) contains.

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# Color

**Decimal(15516)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003C9C
RGB	0, 60, 156
RGB Percent	0%, 24%, 61%
CMY	1.0000, 0.7647, 0.3882
CMYK	1.00, 0.62, 0.00, 0.39
HSL	217°, 100%, 31%
HSV	217°, 100%, 61%
XYZ	7.6166, 5.6320, 32.1381
YIQ	53.0040, -66.5760, 17.1360

# Conversions

## Conversions Part 2

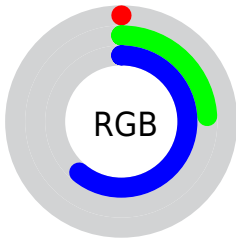
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 43, 156
Decimal	15516
CIELab	28.46, 23.91, -56.50
CIELCh	28, 61.350, 292.935
Yxy	5.6320, 0.1678, 0.1241
Android (android.graphics.Color)	4278205596 (0xFF003C9C)
YUV	53.0040, 50.7770, -46.4845
Hunter-Lab	23.7319, 15.7578, -63.6793

# Details

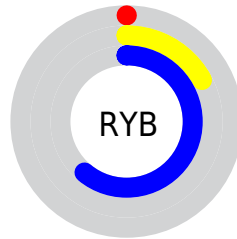
The Decimal color **15516** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10248192**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **5663699**, and **5224** is the 20% darker color. If you saturate the color by 10%, you get **15516**, and if you desaturate by 10%, it is **1066652**.

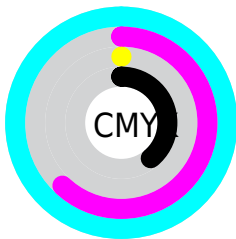
# Distribution



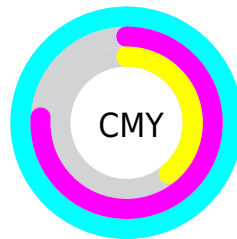
- Red (0%)
- Green (24%)
- Blue (61%)



- Red (0%)
- Yellow (17%)
- Blue (61%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (39%)



















- Cyan (100%)
- Magenta (76%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15516 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 15516 by changing the saturation by 10% instead.



 15516	 15516
 16777215	 10113
 5663699	 5224
 7636208	 79
 9543423	 1335
 11516415	 545
 13423871	 5
 15397119	 0

 15516

 1066652

■ 2051996

■ 3103132

■ 4088476

■ 5139612

■ 6190748

■ 7176092

■ 8227228

■ 9212572

# Harmonies

## Analogous

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



19875



15516



7216253

# Triad

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



15516



8266752



21814

# Complementary

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



15516



10248192

# 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.



20992



15516



6044928

# Square

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



15516



9437218



3164928



22119

# Rectangle

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



15516



8847456



3164928



21541



# Sweetspot

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



15516



9414348



40030



4280166



15132390



6710886



# Same Dimension

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



15516



20172



1048732



4672079



14223



1551



# Inverse Universe

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



10223676



13369422



9214976



5195594



9371703



983046



# Previews

## White Background



This preview shows how the Decimal color 15516 looks on a white background.

## Color Contrast Check

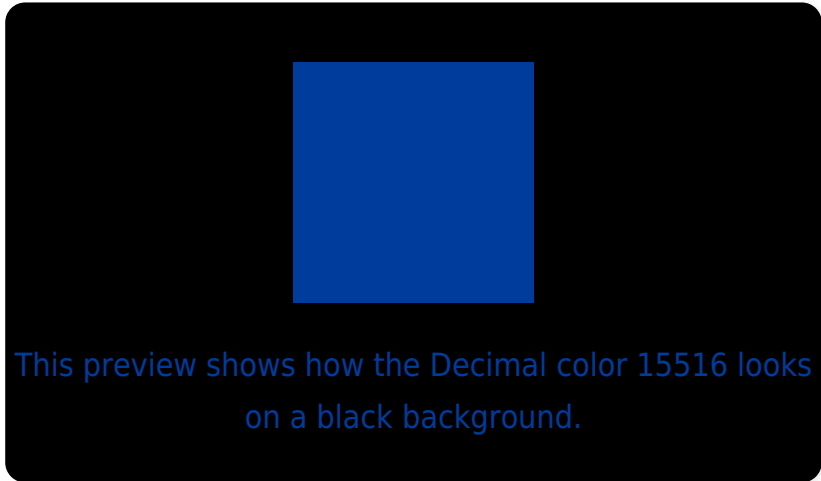
Large Text (above 18pt) WCAG AA ✓ Pass

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

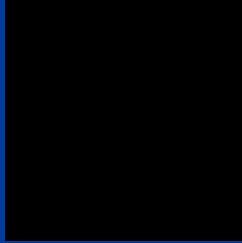
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 15516 Background



This preview shows how black text looks on a background with the Decimal color 15516.



This preview shows how white text looks on a background with the Decimal color 15516.

# 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**  
15516

**Protanopia**  
16778

**Deuteranopia**  
17782



# Trichromacy



**Original Color**  
15516

**Protanomaly**  
16273

**Deuteranomaly**  
17028

**Tritanomaly**  
18027

# Monochromacy



**Original Color**  
15516

**Achromatopsia**  
3487029

**Achromatomaly**  
2242650

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15516 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 #003C9C looks like.

```
.text, #text, p{  
    color:#003C9C  
}
```

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 #003C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003C9C
}
```

## Border

The CSS property to change the border of an element to Decimal 15516 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
#003C9C }
```

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

```
.border{ border-color:#003C9C }
```

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

Here you see how a box with a 4 pixel #003C9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003C9C; -webkit-box-shadow:4px 4px  
4px 4px #003C9C; box-shadow:4px 4px 4px  
4px #003C9C }
```

# Background

The CSS property to change the background color of an element to Decimal 15516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003C9C }
```

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

```
.background{ background-color:#003C9C }
```

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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