

Converting Colors

Decimal(11676)

Have a look what the booklet for
Decimal(11676) contains.

Decimal(11676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Decimal(11676)

Conversions

Conversions Part 1

Format	Color
Hex	002D9C
RGB	0, 45, 156
RGB Percent	0%, 18%, 61%
CMY	1.0000, 0.8235, 0.3882
CMYK	1.00, 0.71, 0.00, 0.39
HSL	223°, 100%, 31%
HSV	223°, 100%, 61%
XYZ	6.9391, 4.2771, 31.9123
YIQ	44.1990, -62.4510, 24.9810

Conversions

Conversions Part 2

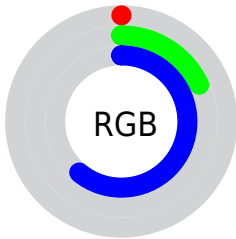
Format	Color
RYB	0, 35, 156
Decimal	11676
CIELab	24.57, 34.12, -62.91
CIElCh	25, 71.563, 298.472
Yxy	4.2771, 0.1609, 0.0992
Android (android.graphics.Color)	4278201756 (0xFF002D9C)
YUV	44.1990, 55.1179, -38.7625
Hunter-Lab	20.6811, 23.7003, -77.0117

Details

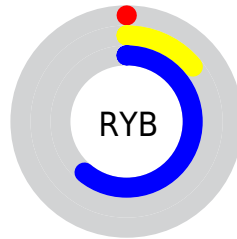
The Decimal color **11676** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10252032**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **5790676**, and **1127** is the 20% darker color. If you saturate the color by 10%, you get **11676**, and if you desaturate by 10%, it is **1063068**.

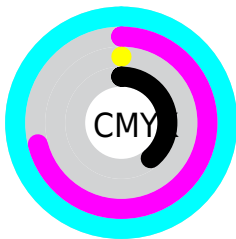
Distribution



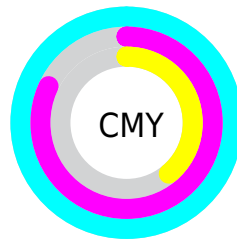
- Red (0%)
- Green (18%)
- Blue (61%)



- Red (0%)
- Yellow (14%)
- Blue (61%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (39%)




















- Cyan (100%)
- Magenta (82%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11676 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 11676 by changing the saturation by 10% instead.

 11676	 11676
 16777215	 6529
 5790676	 1127
 7762928	 590
 9735679	 1334
 11642879	 544
 13616127	 4
 15589375	 0
 16776191	

 11676

■ 1063068

■ 2048924

■ 3100316

■ 4086172

■ 5137820

■ 6189212

■ 7175068

■ 8226460

■ 9212316

Harmonies

Analogous

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



17578



11676



7602292

Triad

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



11676



7543040



19766

Complementary

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



11676



10252032

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.



19200



11676



4929536

Square

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



11676



9175050



673024



20077

Rectangle

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



11676



9044050



673024



19491

Sweetspot

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



11676



9412812



40045



4279398



15132390



6710886

Same Dimension

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



11676



15308



2031772



4671823



10639



1039

Inverse Universe

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



10223661



13369403



8231936



5195593



9371689



983044

Previews

White Background



This preview shows how the Decimal color 11676 looks on a white background.

Color Contrast Check

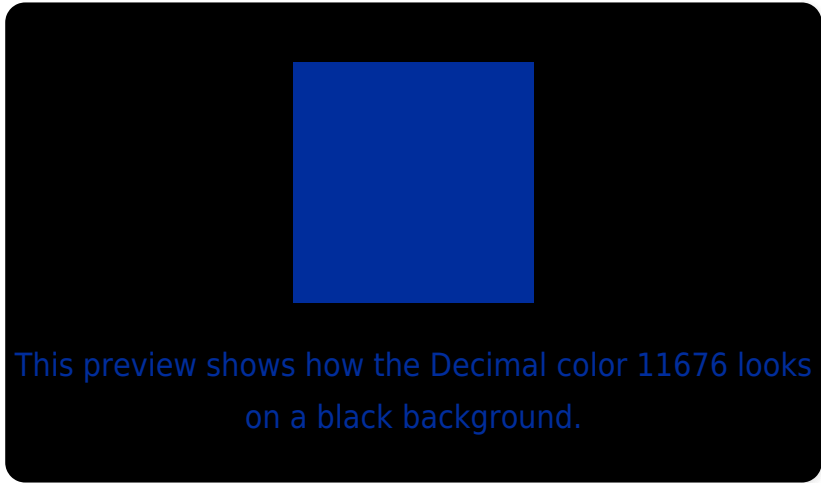
Large Text (above 18pt) WCAG AA ✓ Pass

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

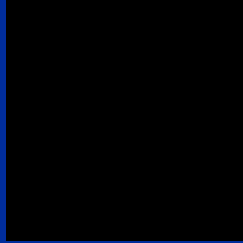
Any Text WCAG AA × Fail

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 11676 Background



This preview shows how black text looks on a background with the Decimal color 11676.



This preview shows how white text looks on a background with the Decimal color 11676.

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



Original Color
11676

Deuteranomaly
14202

Tritanomaly
14949

Monochromacy



Original Color
11676

Achromatopsia
2894892

Achromatomaly
1846357

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11676 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 #002D9C looks like.

```
.text, #text, p{  
    color:#002D9C  
}
```

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 #002D9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D9C
}
```

Border

The CSS property to change the border of an element to Decimal 11676 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".

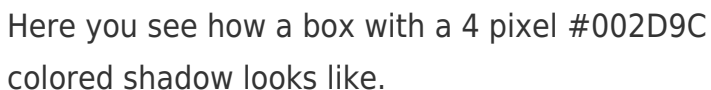
```
.border, #border, table{ border:4px solid
#002D9C }
```

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

```
.border{ border-color:#002D9C }
```

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

Here you see how a box with a 4 pixel #002D9C colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D9C; -webkit-box-shadow:4px 4px  
4px 4px #002D9C; box-shadow:4px 4px 4px  
4px #002D9C }
```

Background

The CSS property to change the background color of an element to Decimal 11676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D9C }
```

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

```
.background{ background-color:#002D9C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor