

Converting Colors

Decimal(11670)

Have a look what the booklet for
Decimal(11670) contains.

Decimal(11670)	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>	29

Color

Decimal(11670)

Conversions

Conversions Part 1

Format	Color
Hex	002D96
RGB	0, 45, 150
RGB Percent	0%, 18%, 59%
CMY	1.0000, 0.8235, 0.4118
CMYK	1.00, 0.70, 0.00, 0.41
HSL	222°, 100%, 29%
HSV	222°, 100%, 59%
XYZ	6.4434, 4.0788, 29.3018
YIQ	43.5150, -60.5250, 23.1150

Conversions

Conversions Part 2

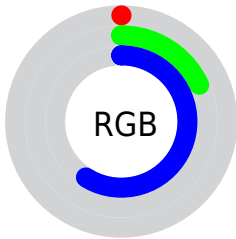
Format	Color
RYB	0, 35, 150
Decimal	11670
CIELab	23.93, 31.76, -60.28
CIELCh	24, 68.135, 297.785
Yxy	4.0788, 0.1618, 0.1024
Android (android.graphics.Color)	4278201750 (0xFF002D96)
YUV	43.5150, 52.4971, -38.1627
Hunter-Lab	20.1960, 21.6063, -71.8851

Details

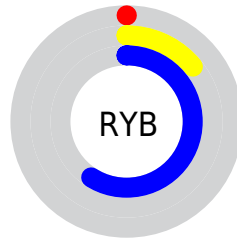
The Decimal color **11670** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9857280**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **5659597**, and **866** is the 20% darker color. If you saturate the color by 10%, you get **11670**, and if you desaturate by 10%, it is **997270**.

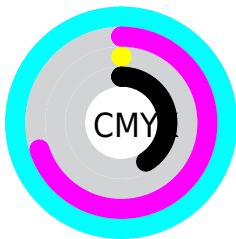
Distribution



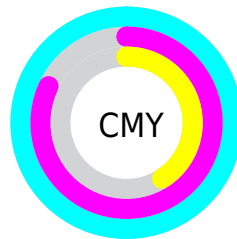
- Red (0%)
- Green (18%)
- Blue (59%)



- Red (0%)
- Yellow (14%)
- Blue (59%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11670 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 11670 by changing the saturation by 10% instead.

■ 11670 ■ 11670

16777215 ■ 6523

■ 5659597 ■ 866

■ 7631850 ■ 1097

■ 9539071 ■ 1074

■ 11446271 ■ 284

■ 13419263 ■ 0

■ 15326975

■ 16776191

■ 11670

■ 997270

■ 1983126

■ 2968726

■ 3954582

■ 4940438

■ 5926038

■ 6911638

■ 7897494

■ 8883094

Harmonies

Analogous

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



17058



11670



7209073

Triad

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



11670



7280896



19252

Complementary

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



11670



9857280

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.



18432



11670



4863488

Square

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



11670



8847373



1131264



19560

Rectangle

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



11670



8716368



1131264



18977

Sweetspot

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



11670



8952258



38505



4081761



14737632



6381921

Same Dimension

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



11670



15042



1966230



4408650



10634



778

Inverse Universe

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



9830445



12714042



7902720



4866885



9044009



655363

Previews

White Background



This preview shows how the Decimal color 11670 looks on a white background.

Color Contrast Check

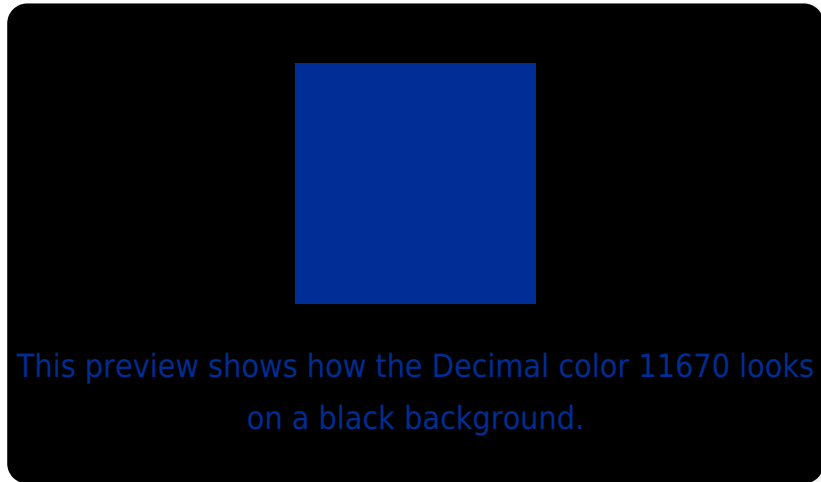
Large Text (above 18pt) WCAG AA ✓ Pass

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

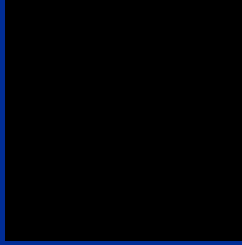
Any Text WCAG AA × Fail

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 11670 Background



This preview shows how black text looks on a background with the Decimal color 11670.



This preview shows how white text looks on a background with the Decimal color 11670.

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
11670

Protanomaly
13441

Deuteranomaly
13942

Tritanomaly
14690

Monochromacy



Original Color
11670

Achromatopsia
2894892

Achromatomaly
1846355

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11670 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 #002D96 looks like.

```
.text, #text, p{  
    color:#002D96  
}
```

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 #002D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D96
}
```

Border

The CSS property to change the border of an element to Decimal 11670 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".

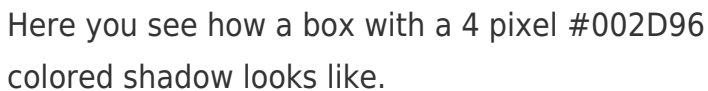
```
.border, #border, table{ border:4px solid
#002D96 }
```

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

```
.border{ border-color:#002D96 }
```

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

Here you see how a box with a 4 pixel #002D96 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D96; -webkit-box-shadow:4px 4px  
4px 4px #002D96; box-shadow:4px 4px 4px  
4px #002D96 }
```

Background

The CSS property to change the background color of an element to Decimal 11670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D96 }
```

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

```
.background{ background-color:#002D96 }
```

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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