

Converting Colors

Decimal(16780)

Have a look what the booklet for
Decimal(16780) contains.

Decimal(16780)	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(16780)

Conversions

Conversions Part 1

Format	Color
Hex	00418C
RGB	0, 65, 140
RGB Percent	0%, 25%, 55%
CMY	1.0000, 0.7451, 0.4510
CMYK	1.00, 0.54, 0.00, 0.45
HSL	212°, 100%, 27%
HSV	212°, 100%, 55%
XYZ	6.6239, 5.6740, 25.5570
YIQ	54.1150, -62.8150, 9.5450

Conversions

Conversions Part 2

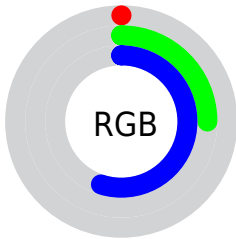
Format	Color
RYB	0, 44, 140
Decimal	16780
CIELab	28.57, 13.63, -46.52
CIELCh	29, 48.473, 286.329
Yxy	5.6740, 0.1750, 0.1499
Android (android.graphics.Color)	4278206860 (0xFF00418C)
YUV	54.1150, 42.3413, -47.4589
Hunter-Lab	23.8203, 7.9517, -46.9388

Details

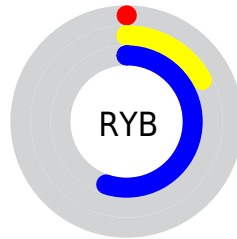
The Decimal color **16780** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **9194240**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **5271746**, and **6233** is the 20% darker color. If you saturate the color by 10%, you get **16780**, and if you desaturate by 10%, it is **936332**.

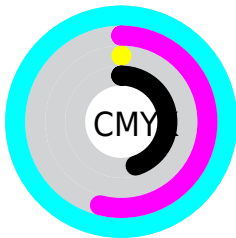
Distribution



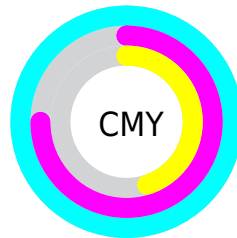
- Red (0%)
- Green (25%)
- Blue (55%)



- Red (0%)
- Yellow (17%)
- Blue (55%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16780 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 16780 by changing the saturation by 10% instead.

■ 16780 ■ 16780

16777215 ■ 11378

■ 5271746 ■ 6233

■ 7178718 ■ 321

■ 9085947 ■ 810

■ 10993407 ■ 276

■ 12901119 ■ 0

■ 14809087

■ 16780

■ 936332

■ 1855628

■ 2775180

■ 3694476

■ 4614028

■ 5533324

■ 6452876

■ 7372172

■ 8291724

Harmonies

Analogous

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



19853



16780



6106744

Triad

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



16780



7940364



21296

Complementary

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



16780



9194240

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.



610054



16780



6372096

Square

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



16780



8656177



4212736



21591

Rectangle

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



16780



7675746



4212736



21027

Sweetspot

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



16780



8362165



35915



3885660



14408667



6052956

Same Dimension

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



16780



21685



327820



4079941



16005



517

Inverse Universe

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



9175105



11862100



8883200



4537921



8716350



327682

Previews

White Background



This preview shows how the Decimal color 16780 looks on a white background.

Color Contrast Check

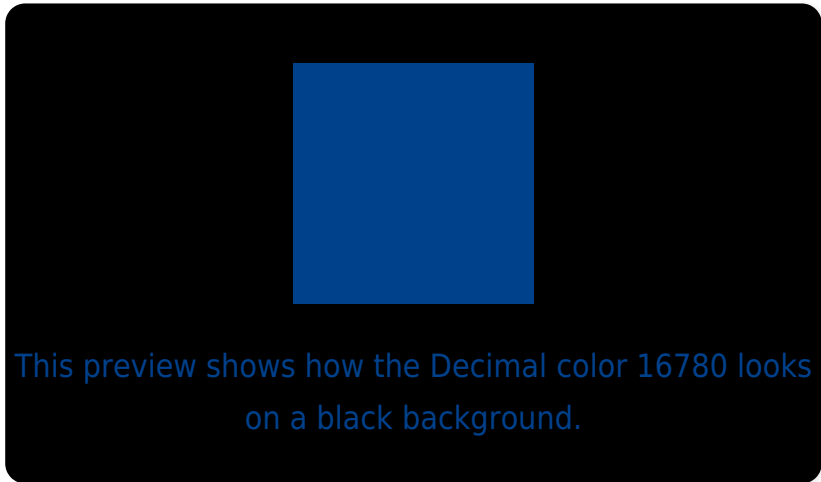
Large Text (above 18pt) WCAG AA ✓ Pass

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

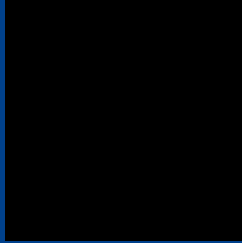
Any Text WCAG AA × Fail

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 16780 Background



This preview shows how black text looks on a background with the Decimal color 16780.



This preview shows how white text looks on a background with the Decimal color 16780.

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
16780

Protanopia
16779

Deuteranopia
17784



Tritanopia
19280

Trichromacy



Original Color
16780

Protanomaly
16779

Deuteranomaly
17535

Tritanomaly
18278

Monochromacy



Original Color
16780

Achromatopsia
3552822

Achromatomaly
2243157

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16780 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 #00418C looks like.

```
.text, #text, p{  
    color:#00418C  
}
```

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 #00418C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00418C
}
```

Border

The CSS property to change the border of an element to Decimal 16780 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
#00418C }
```

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

```
.border{ border-color:#00418C }
```

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

Here you see how a box with a 4 pixel #00418C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00418C; -webkit-box-shadow:4px 4px  
4px 4px #00418C; box-shadow:4px 4px 4px  
4px #00418C }
```

Background

The CSS property to change the background color of an element to Decimal 16780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00418C }
```

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

```
.background{ background-color:#00418C }
```

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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