

Converting Colors

Decimal(17818)

Have a look what the booklet for
Decimal(17818) contains.

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Color

Decimal(17818)

Conversions

Conversions Part 1

Format	Color
Hex	00459A
RGB	0, 69, 154
RGB Percent	0%, 27%, 60%
CMY	1.0000, 0.7294, 0.3961
CMYK	1.00, 0.55, 0.00, 0.40
HSL	213°, 100%, 30%
HSV	213°, 100%, 60%
XYZ	7.9609, 6.5893, 31.4241
YIQ	58.0590, -68.4090, 11.8070

Conversions

Conversions Part 2

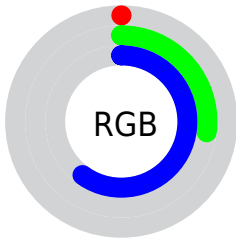
Format	Color
RYB	0, 48, 154
Decimal	17818
CIELab	30.85, 16.81, -51.39
CIELCh	31, 54.068, 288.115
Yxy	6.5893, 0.1732, 0.1433
Android (android.graphics.Color)	4278207898 (0xFF00459A)
YUV	58.0590, 47.2989, -50.9177
Hunter-Lab	25.6697, 10.4356, -54.6124

Details

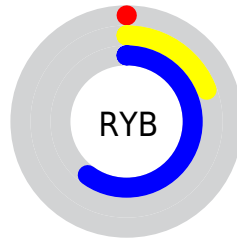
The Decimal color **17818** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10114304**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **5600465**, and **7270** is the 20% darker color. If you saturate the color by 10%, you get **17818**, and if you desaturate by 10%, it is **1003162**.

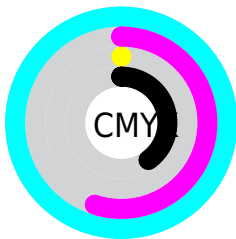
Distribution



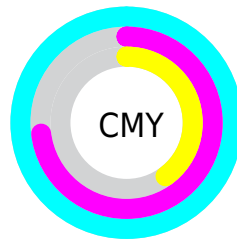
- Red (0%)
- Green (27%)
- Blue (60%)



- Red (0%)
- Yellow (19%)
- Blue (60%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (40%)



















- Cyan (100%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17818 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 17818 by changing the saturation by 10% instead.

 17818	 17818
 16777215	 12160
 5600465	 7270
 7573230	 77
 9480447	 1334
 11387903	 543
 13295615	 3
 15269119	 0

 17818

 1003162

■ 2053786

■ 3039130

■ 4089754

■ 5075098

■ 6060186

■ 7111066

■ 8096154

■ 9147034

Harmonies

Analogous

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



21404



17818



6893442

Triad

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



17818



8596230



23094

Complementary

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



17818



10114304

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.



22020



17818



6766848

Square

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



17818



9506865



4345344



23394

Rectangle

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



17818



8526953



4345344



22823

Sweetspot

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



17818



9283785



39509



4280934



15132390



6710886

Same Dimension

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



17818



23241



524442



4540493



16268



1549

Inverse Universe

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



10092613



13172826



9607680



5064008



9175103



851974

Previews

White Background



This preview shows how the Decimal color 17818 looks on a white background.

Color Contrast Check

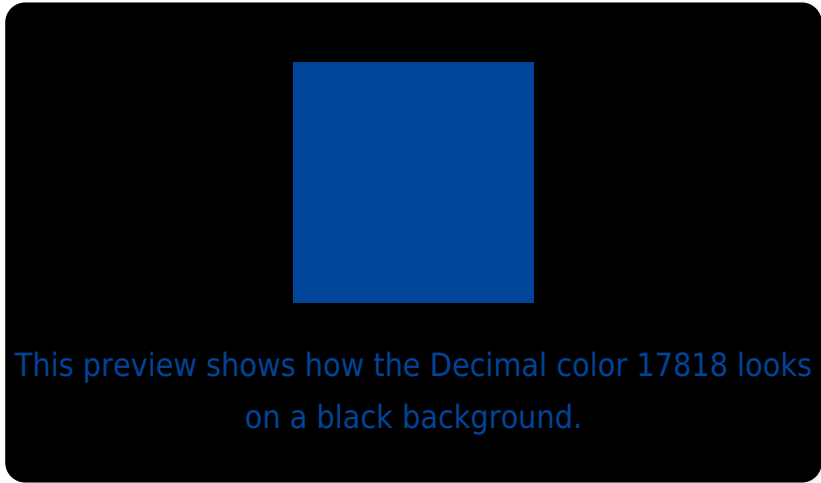
Large Text (above 18pt) WCAG AA ✓ Pass

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 17818 Background



This preview shows how black text looks on a background with the Decimal color 17818.



This preview shows how white text looks on a background with the Decimal color 17818.

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

17818

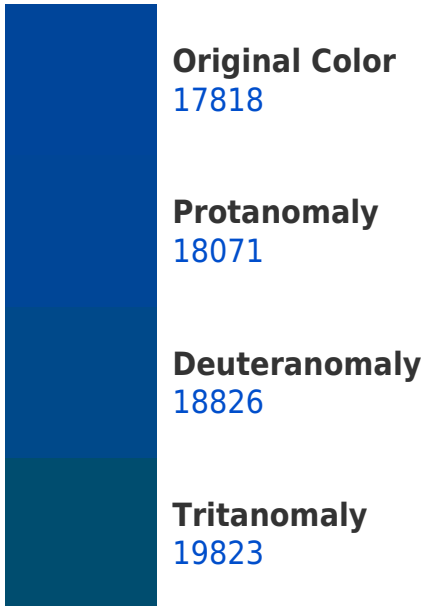
Protanopia

18069

Deuteranopia

19329

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 17818 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 #00459A looks like.

```
.text, #text, p{  
  color:#00459A  
}
```

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 #00459A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00459A
}
```

Border

The CSS property to change the border of an element to Decimal 17818 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
#00459A }
```

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

```
.border{ border-color:#00459A }
```

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

Here you see how a box with a 4 pixel #00459A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00459A; -webkit-box-shadow:4px 4px  
4px 4px #00459A; box-shadow:4px 4px 4px  
4px #00459A }
```

Background

The CSS property to change the background color of an element to Decimal 17818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00459A }
```

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

```
.background{ background-color:#00459A }
```

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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