

Converting Colors

Hex(1A418D)

Have a look what the booklet for
Hex(1A418D) contains.

Hex(1A418D)	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

Hex(1A418D)

Conversions

Conversions Part 1

Format	Color
Hex	1A418D
RGB	26, 65, 141
RGB Percent	10%, 25%, 55%
CMY	0.8980, 0.7451, 0.4471
CMYK	0.82, 0.54, 0.00, 0.45
HSL	220°, 69%, 33%
HSV	220°, 82%, 55%
XYZ	7.1240, 5.9233, 25.9671
YIQ	62.0030, -47.6400, 15.3680

Conversions

Conversions Part 2

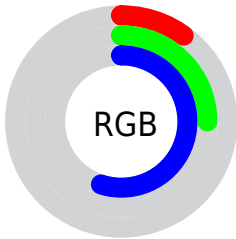
Format	Color
R_{YB}	26, 55, 141
Decimal	1720717
CIE _{Lab}	29.22, 15.91, -46.07
CIE _{LCh}	29, 48.735, 289.052
Yxy	5.9233, 0.1826, 0.1518
Android (android.graphics.Color)	4279910797 (0xFF1A418D)
YUV	62.0030, 38.9455, -31.5746
Hunter-Lab	24.3378, 9.6583, -46.2228

Details

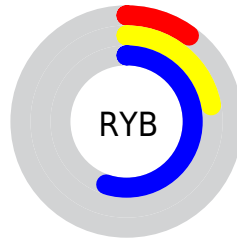
The Hex color **1A418D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8D661A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5A70C3**, and **00185A** is the 20% darker color. If you saturate the color by 10%, you get **0C388D**, and if you desaturate by 10%, it is **284A8D**.

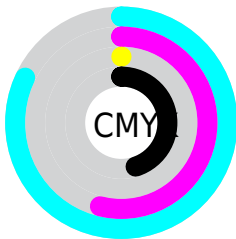
Distribution



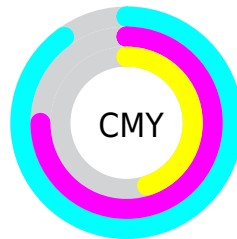
- Red (10%)
- Green (25%)
- Blue (55%)



- Red (10%)
- Yellow (22%)
- Blue (55%)



- Cyan (82%)
- Magenta (54%)
- Yellow (0%)
- Black (45%)



- Cyan (90%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A418D 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 Hex color 1A418D by changing the saturation by 10% instead.

■ 1A418D

■ 1A418D

FFFFFF

■ 002B73

■ 5A70C3

■ 00185A

■ 768AE0

■ 000042

■ 92A4FC

■ 00032B

■ AFBFFF

■ 000115

■ CCDAFF

■ 000000

■ E9F7FF

■ 1A418D

■ 1A418D

■ 0C388D

■ 284A8D

00308D

36548D

445D8D

52668D

61708D

6F798D

7D828D

8B8C8D

99958D

Harmonies

Analogous

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



004E90



1A418D



632E77

Triad

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



1A418D



792C0A



005435

Complementary

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



1A418D



8D661A

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.



00510C



1A418D



603E00

Square

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



1A418D



86182F



3E4A00



00555D

Rectangle

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



1A418D



791F61



3E4A00



005428

Sweetspot

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



1A418D



8C9AB8



1A8D65



414A5C



DBDBDB



5C5C5C

Same Dimension

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



1A418D



0441B8



2B1A8D



404347



002E87



000308

Inverse Universe

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



8D1A41



B80441



7C8D1A



474043



87002E



080003

Previews

White Background



This preview shows how the Hex color 1A418D looks on a white background.

Color Contrast Check

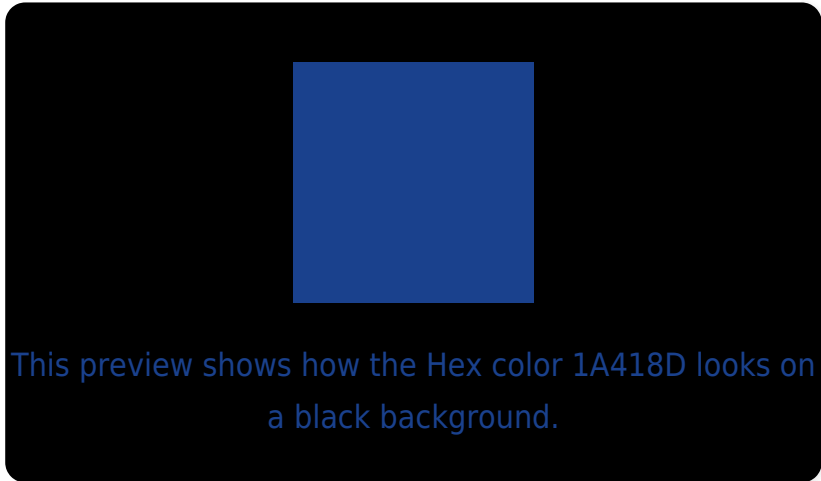
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Hex 1A418D Background



This preview shows how black text looks on a background with the Hex color 1A418D.



This preview shows how white text looks on a background with the Hex color 1A418D.

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

1A418D

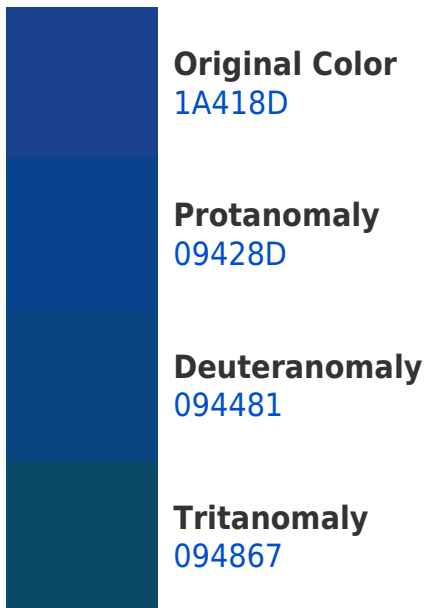
Protanopia

00428D

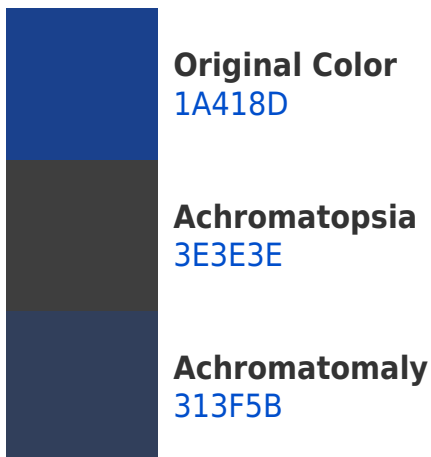
Deuteranopia

00467A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A418D 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 #1A418D looks like.

```
.text, #text, p{  
    color:#1A418D  
}
```

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 #1A418D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A418D
}
```

Border

The CSS property to change the border of an element to Hex 1A418D 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
#1A418D }
```

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

```
.border{ border-color:#1A418D }
```

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

Here you see how a box with a 4 pixel #1A418D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A418D; -webkit-box-shadow:4px 4px  
4px 4px #1A418D; box-shadow:4px 4px 4px  
4px #1A418D }
```

Background

The CSS property to change the background color of an element to Hex 1A418D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A418D }
```

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

```
.background{ background-color:#1A418D }
```

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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