

# Converting Colors

Hex(1A468F)

Have a look what the booklet for  
Hex(1A468F) contains.

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# Color

**Hex(1A468F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A468F
RGB	26, 70, 143
RGB Percent	10%, 27%, 56%
CMY	0.8980, 0.7255, 0.4392
CMYK	0.82, 0.51, 0.00, 0.44
HSL	217°, 69%, 33%
HSV	217°, 82%, 56%
XYZ	7.5741, 6.5831, 26.8581
YIQ	65.1660, -49.6570, 13.3750

# Conversions

## Conversions Part 2

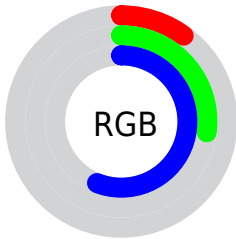
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 58, 143
Decimal	1721999
CIE <sub>Lab</sub>	30.84, 13.27, -44.67
CIE <sub>LCh</sub>	31, 46.604, 286.548
Yxy	6.5831, 0.1847, 0.1605
Android (android.graphics.Color)	4279912079 (0xFF1A468F)
YUV	65.1660, 38.3722, -34.3486
Hunter-Lab	25.6576, 7.7923, -44.1039

# Details

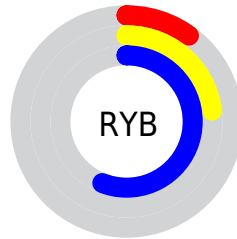
The Hex color **1A468F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8F631A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5A76C5**, and **001C5C** is the 20% darker color. If you saturate the color by 10%, you get **0C3D8F**, and if you desaturate by 10%, it is **284F8F**.

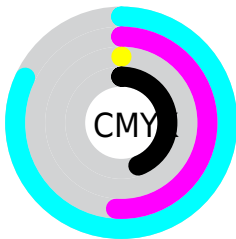
# Distribution



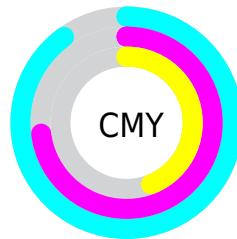
- Red (10%)
- Green (27%)
- Blue (56%)



- Red (10%)
- Yellow (23%)
- Blue (56%)



- Cyan (82%)
- Magenta (51%)
- Yellow (0%)
- Black (44%)



- Cyan (90%)
- Magenta (73%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A468F 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 1A468F by changing the saturation by 10% instead.



■ 1A468F

■ 1A468F

FFFFFF

■ 003075

■ 5A76C5

■ 001C5C

■ 778FE2

■ 000044

■ 93AAFF

■ 00032D

■ AFC5FF

■ 000117

■ CCE1FF

■ 000000

■ EAFDFF

■ 1A468F

■ 1A468F

■ 0C3D8F

■ 284F8F

00368F

37588F

45618F

536A8F

61738F

707C8F

7E848F

8C8D8F

9B968F

# Harmonies

## Analogous

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



005290



1A468F



63357B

# Triad

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



1A468F



7E3014



005836

# Complementary

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



1A468F



8F631A

# 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.



165410



1A468F



664100

# Square

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



1A468F



882036



464D00



00595C

# Rectangle

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



1A468F



7A2866



464D00



00572A



# Sweetspot

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



1A468F



8C9DBA



1A8F62



424D5E



DEDEDE



5E5E5E



# Same Dimension

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



1A468F



0448BA



281A8F



404347



003387



000308



# Inverse Universe

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



8F1A46



BA0448



818F1A



474043



870033



080003



# Previews

## White Background



This preview shows how the Hex color 1A468F looks on a white background.

## Color Contrast Check

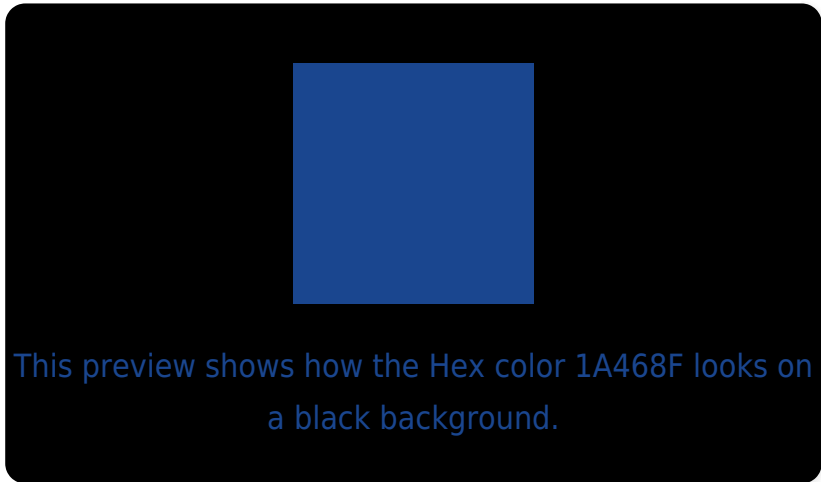
Large Text (above 18pt) WCAG AA ✓ Pass

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

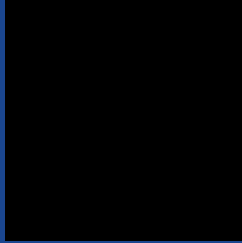
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A468F Background



This preview shows how black text looks on a background with the Hex color 1A468F.



This preview shows how white text looks on a background with the Hex color 1A468F.

# 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**


1A468F

**Protanopia**

1A468F

**Deuteranopia**

004A81



**Tritanopia**  
005156

# Trichromacy



**Original Color**  
1A468F

**Protanomaly**  
1A468F

**Deuteranomaly**  
094986

**Tritanomaly**  
094D6B

# Monochromacy



**Original Color**  
1A468F

**Achromatopsia**  
414141

**Achromatomaly**  
33435D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A468F 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 #1A468F looks like.

```
.text, #text, p{  
    color:#1A468F  
}
```

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 #1A468F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A468F
}
```

## Border

The CSS property to change the border of an element to Hex 1A468F 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
#1A468F }
```

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

```
.border{ border-color:#1A468F }
```

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

Here you see how a box with a 4 pixel #1A468F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A468F; -webkit-box-shadow:4px 4px  
4px 4px #1A468F; box-shadow:4px 4px 4px  
4px #1A468F }
```

# Background

The CSS property to change the background color of an element to Hex 1A468F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A468F }
```

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

```
.background{ background-color:#1A468F }
```

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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