

# Converting Colors

Hex(1A389C)

Have a look what the booklet for  
Hex(1A389C) contains.

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# Color

Hex(1A389C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A389C
RGB	26, 56, 156
RGB Percent	10%, 22%, 61%
CMY	0.8980, 0.7804, 0.3882
CMYK	0.83, 0.64, 0.00, 0.39
HSL	226°, 71%, 36%
HSV	226°, 83%, 61%
XYZ	7.8409, 5.4483, 32.0908
YIQ	58.4300, -49.9800, 24.7400

# Conversions

## Conversions Part 2

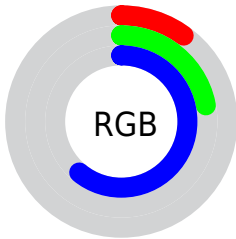
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 50, 156
Decimal	1718428
CIE <sub>Lab</sub>	27.98, 28.11, -57.28
CIE <sub>LCh</sub>	28, 63.804, 296.141
Yxy	5.4483, 0.1728, 0.1201
Android (android.graphics.Color)	4279908508 (0xFF1A389C)
YUV	58.4300, 48.1020, -28.4411
Hunter-Lab	23.3415, 19.1144, -65.1752

# Details

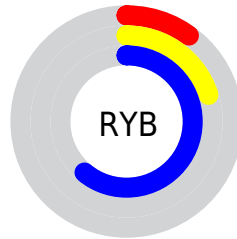
The Hex color **1A389C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9C7E1A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5F67D3**, and **001068** is the 20% darker color. If you saturate the color by 10%, you get **0A2C9C**, and if you desaturate by 10%, it is **2A449C**.

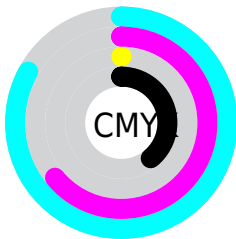
# Distribution



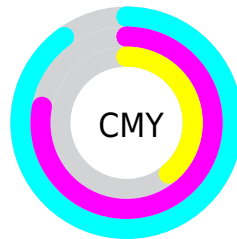
- Red (10%)
- Green (22%)
- Blue (61%)



- Red (10%)
- Yellow (20%)
- Blue (61%)



- Cyan (83%)
- Magenta (64%)
- Yellow (0%)
- Black (39%)



- Cyan (90%)
- Magenta (78%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A389C 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 1A389C by changing the saturation by 10% instead.



■ 1A389C

■ 1A389C

FFFFFF

■ 002381

■ 5F67D3

■ 001068

■ 7C80F0

■ 00004F

■ 999AFF

■ 000537

■ B6B4FF

■ 000221

■ D4D0FF

■ 000005

■ F2ECFF

■ 000000

■ 1A389C

■ 1A389C

■ 0A2C9C

■ 2A449C

00249C

39509C

495C9C

58689C

68749C

78809C

878C9C

97989C

A6A49C

# Harmonies

## Analogous

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



004BA6



1A389C



740F7A

# Triad

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



1A389C



7B2500



00543A

# Complementary

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



1A389C



9C7E1A

# 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.



005200



1A389C



573E00

# Square

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



1A389C



90001B



274B00



00556C

# Rectangle

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



1A389C



8B005B



274B00



005428



# Sweetspot

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



1A389C



99A5CC



1A9C7E



474E66



E6E6E6



666666



# Same Dimension

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



1A389C



002FCC



3D1A9C



47494F



00218F



00040F



# Inverse Universe

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



9C1A38



CC002F



799C1A



4F4749



8F0021

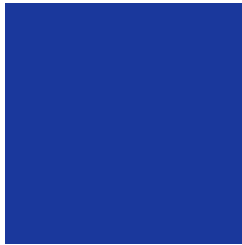


0F0004



# Previews

## White Background



This preview shows how the Hex color 1A389C looks on a white background.

## Color Contrast Check

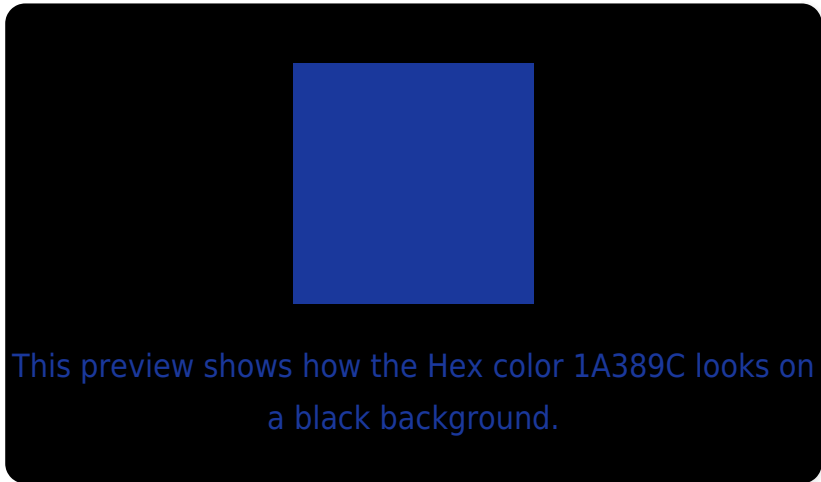
Large Text (above 18pt) WCAG AA ✓ Pass

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

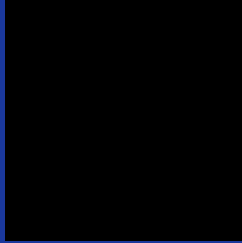
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A389C Background



This preview shows how black text looks on a background with the Hex color 1A389C.

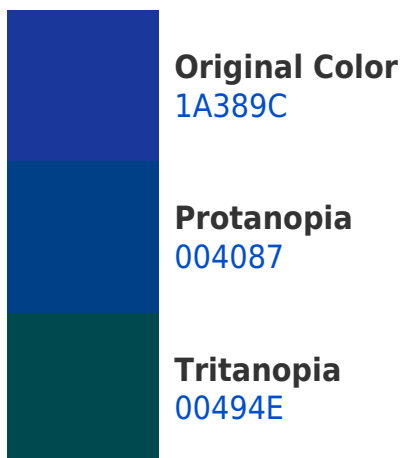


This preview shows how white text looks on a background with the Hex color 1A389C.

# 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**  
1A389C

**Protanomaly**  
093D8F

**Tritanomaly**  
09436A

# Monochromacy



**Original Color**  
1A389C

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
2E395E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A389C 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 #1A389C looks like.

```
.text, #text, p{  
    color:#1A389C  
}
```

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 #1A389C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A389C
}
```

## Border

The CSS property to change the border of an element to Hex 1A389C 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
#1A389C }
```

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

```
.border{ border-color:#1A389C }
```

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

Here you see how a box with a 4 pixel #1A389C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A389C; -webkit-box-shadow:4px 4px  
4px 4px #1A389C; box-shadow:4px 4px 4px  
4px #1A389C }
```

# Background

The CSS property to change the background color of an element to Hex 1A389C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A389C }
```

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

```
.background{ background-color:#1A389C }
```

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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