

# Converting Colors

Hex(1F6E99)

Have a look what the booklet for  
Hex(1F6E99) contains.

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# Color

**Hex(1F6E99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F6E99
RGB	31, 110, 153
RGB Percent	12%, 43%, 60%
CMY	0.8784, 0.5686, 0.4000
CMYK	0.80, 0.28, 0.00, 0.40
HSL	201°, 66%, 36%
HSV	201°, 80%, 60%
XYZ	11.8908, 13.7431, 32.1630
YIQ	91.2810, -60.8870, -3.3750

# Conversions

## Conversions Part 2

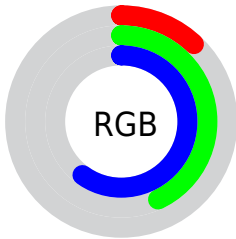
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>31, 79, 153</b>
Decimal	2059929
CIE <sub>Lab</sub>	43.86, -7.96, -29.99
CIE <sub>LCh</sub>	44, 31.024, 255.138
Yxy	13.7431, 0.2057, 0.2378
Android (android.graphics.Color)	4280250009 (0xFF1F6E99)
YUV	91.2810, 30.4275, -52.8664
Hunter-Lab	37.0717, -7.6213, -25.4892

# Details

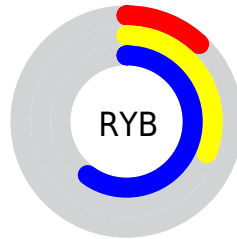
The Hex color **1F6E99** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **994A1F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5FA1D0**, and **003F66** is the 20% darker color. If you saturate the color by 10%, you get **106999**, and if you desaturate by 10%, it is **2E7399**.

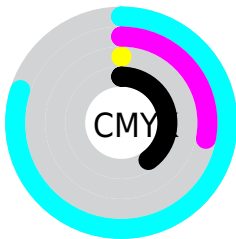
# Distribution



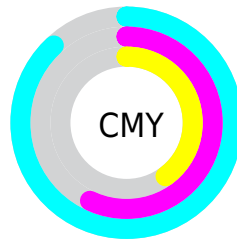
- Red (12%)
- Green (43%)
- Blue (60%)



- Red (12%)
- Yellow (31%)
- Blue (60%)



- Cyan (80%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (57%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F6E99 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 1F6E99 by changing the saturation by 10% instead.



■ 1F6E99

■ 1F6E99

FFFFFF

■ 00567F

■ 5FA1D0

■ 003F66

■ 7CBCEC

■ 00294D

■ 99D8FF

■ 001536

■ B5F5FF

■ 000221

■ D3FFFF

■ 000005

■ F0FFFF

■ 000000

■ 1F6E99

■ 1F6E99

■ 106999

■ 2E7399

006399

3E7999

4D7E99

5C8499

6B8999

7B8E99

8A9499

999999

A99F99

# Harmonies

## Analogous

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



00738B



1F6E99



566699

# Triad

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



1F6E99



99535C



4E7142

# Complementary

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



1F6E99



994A1F

# 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.



6B6A35



1F6E99



935944

# Square

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



1F6E99



915476



836236



29745A

# Rectangle

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



1F6E99



705F92



836236



586F3C



# Sweetspot

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



1F6E99



97B6C7



1F994A



475963



E3E3E3



636363



# Same Dimension

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



1F6E99



0884C7



1F3199



454A4D



005B8C



00080D



# Inverse Universe

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



991F6E



C70884



99871F



4D454A



8C005B



0D0008



# Previews

## White Background



This preview shows how the Hex color 1F6E99 looks on a white background.

## Color Contrast Check

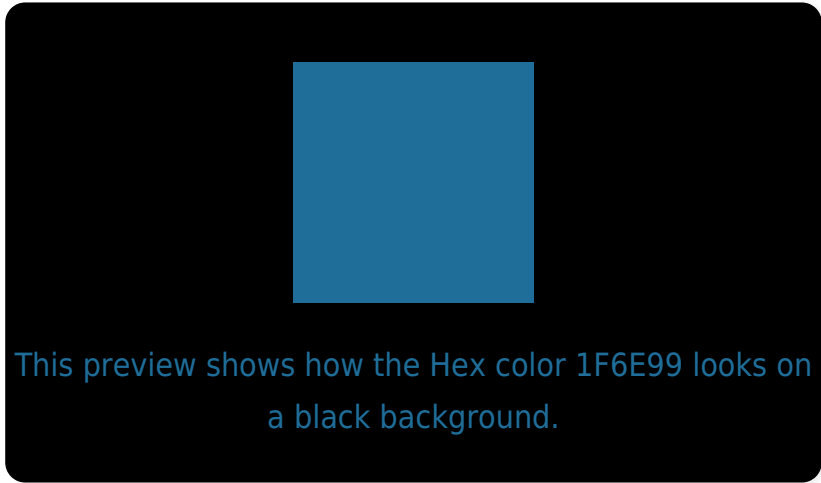
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

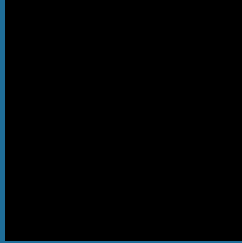
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F6E99 Background



This preview shows how black text looks on a background with the Hex color 1F6E99.

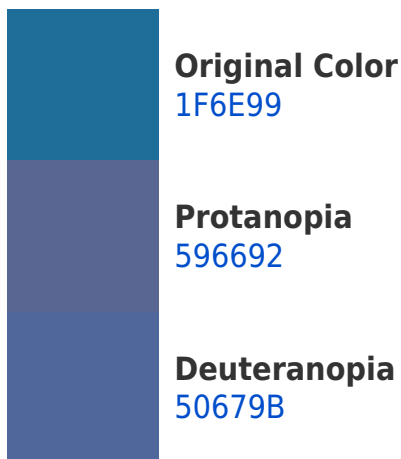


This preview shows how white text looks on a background with the Hex color 1F6E99.

# 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](#).

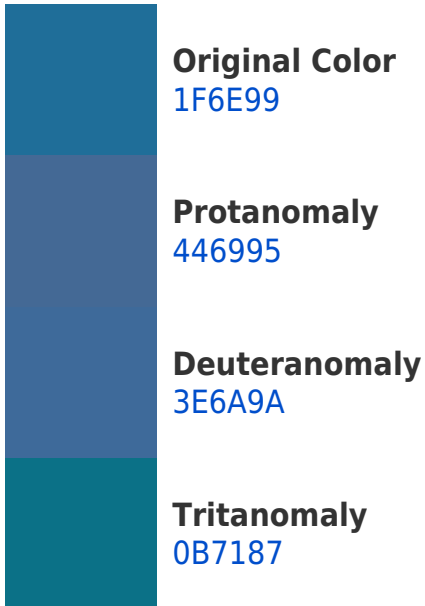
## Dichromacy



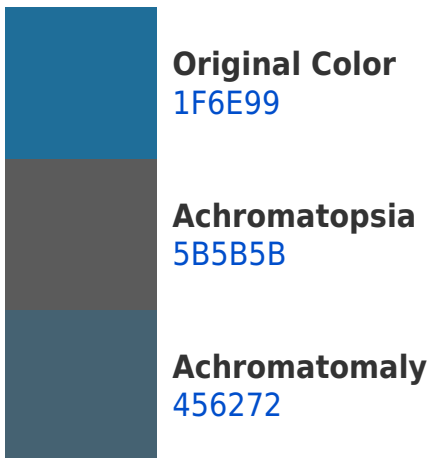


**Tritanopia**  
00737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F6E99 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 #1F6E99 looks like.

```
.text, #text, p{  
    color:#1F6E99  
}
```

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 #1F6E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F6E99
}
```

## Border

The CSS property to change the border of an element to Hex 1F6E99 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
#1F6E99 }
```

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

```
.border{ border-color:#1F6E99 }
```

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

Here you see how a box with a 4 pixel #1F6E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F6E99; -webkit-box-shadow:4px 4px  
4px 4px #1F6E99; box-shadow:4px 4px 4px  
4px #1F6E99 }
```

# Background

The CSS property to change the background color of an element to Hex 1F6E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F6E99 }
```

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

```
.background{ background-color:#1F6E99 }
```

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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