

# Converting Colors

Hex(1F6288)

Have a look what the booklet for  
Hex(1F6288) contains.

<b>Hex(1F6288)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1F6288)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F6288
RGB	31, 98, 136
RGB Percent	12%, 38%, 53%
CMY	0.8784, 0.6157, 0.4667
CMYK	0.77, 0.28, 0.00, 0.47
HSL	202°, 63%, 33%
HSV	202°, 77%, 53%
XYZ	9.3767, 10.8042, 24.8838
YIQ	82.2990, -52.1300, -2.3860

# Conversions

## Conversions Part 2

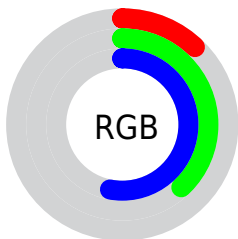
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 72, 136
Decimal	2056840
CIELab	39.25, -7.11, -27.02
CIElCh	39, 27.941, 255.261
Yxy	10.8042, 0.2081, 0.2397
Android (android.graphics.Color)	4280246920 (0xFF1F6288)
YUV	82.2990, 26.4746, -44.9892
Hunter-Lab	32.8698, -6.6019, -21.8761

# Details

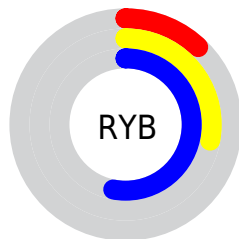
The Hex color **1F6288** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **88451F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5B95BE**, and **003456** is the 20% darker color. If you saturate the color by 10%, you get **115D88**, and if you desaturate by 10%, it is **2D6788**.

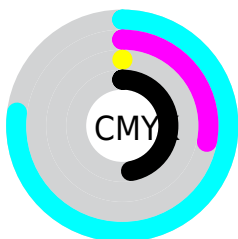
# Distribution



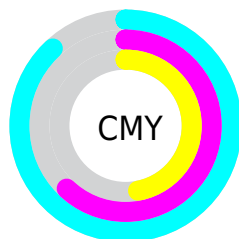
- Red (12%)
- Green (38%)
- Blue (53%)



- Red (12%)
- Yellow (28%)
- Blue (53%)



- Cyan (77%)
- Magenta (28%)
- Yellow (0%)
- Black (47%)



- Cyan (88%)
- Magenta (62%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F6288 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 1F6288 by changing the saturation by 10% instead.



■ 1F6288

■ 1F6288

FFFFFF

■ 004A6E

■ 5B95BE

■ 003456

■ 77AFD9

■ 001F3E

■ 93CBF6

■ 000329

■ AFE7FF

■ 000112

■ CCFFFF

■ 000000

■ E9FFFF

■ 1F6288

■ 1F6288

■ 115D88

■ 2D6788

■ 045888

■ 3A6C88

■ 005788

■ 487188

■ 557688

■ 637B88

■ 718088

■ 7E8488

■ 8C8988

■ 998E88

# Harmonies

## Analogous

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



00677C



1F6288



4D5B88

# Triad

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



1F6288



884A52



46643C

# Complementary

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



1F6288



88451F

# 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.



5F5F30



1F6288



834F3D

# Square

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



1F6288



814C69



745730



266850

# Rectangle

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



1F6288



645582



745730



4F6336



# Sweetspot

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



1F6288



87A1B0



1F8844



405059



D9D9D9



595959



# Same Dimension

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



1F6288



0C75B0



1F2F88



3E4245



005585



000305



# Inverse Universe

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



881F62



B00C75



88781F



453E42



850055



050003



# Previews

## White Background



This preview shows how the Hex color 1F6288 looks on a white background.

## Color Contrast Check

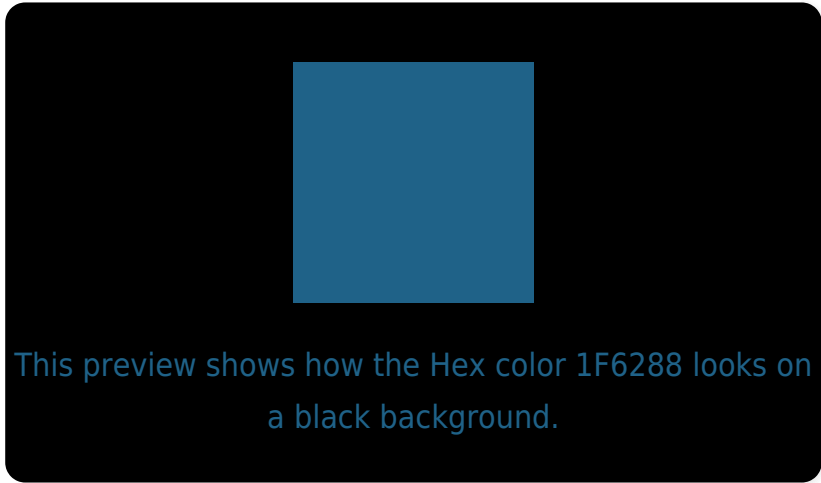
Large Text (above 18pt) WCAG AA ✓ Pass

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

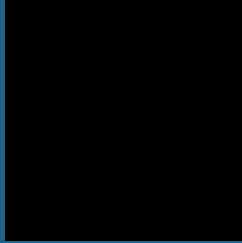
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F6288 Background



This preview shows how black text looks on a background with the Hex color 1F6288.

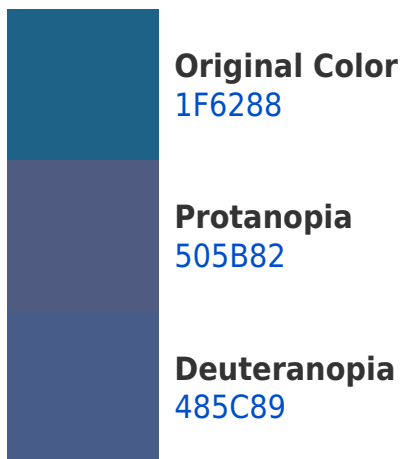


This preview shows how white text looks on a background with the Hex color 1F6288.

# 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](#).

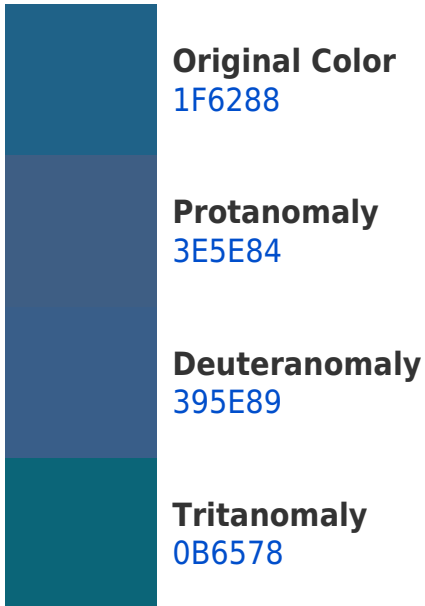
## Dichromacy





**Tritanopia**  
00666F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F6288 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 #1F6288 looks like.

```
.text, #text, p{  
    color:#1F6288  
}
```

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 #1F6288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F6288
}
```

## Border

The CSS property to change the border of an element to Hex 1F6288 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
#1F6288 }
```

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

```
.border{ border-color:#1F6288 }
```

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

Here you see how a box with a 4 pixel #1F6288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F6288; -webkit-box-shadow:4px 4px  
4px 4px #1F6288; box-shadow:4px 4px 4px  
4px #1F6288 }
```

# Background

The CSS property to change the background color of an element to Hex 1F6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F6288 }
```

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

```
.background{ background-color:#1F6288 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor