

Converting Colors

Hex(1F6991)

Have a look what the booklet for
Hex(1F6991) contains.

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Color

Hex(1F6991)

Conversions

Conversions Part 1

Format	Color
Hex	1F6991
RGB	31, 105, 145
RGB Percent	12%, 41%, 57%
CMY	0.8784, 0.5882, 0.4314
CMYK	0.79, 0.28, 0.00, 0.43
HSL	201°, 65%, 35%
HSV	201°, 79%, 57%
XYZ	10.7275, 12.4388, 28.6236
YIQ	87.4340, -56.9440, -3.2480

Conversions

Conversions Part 2

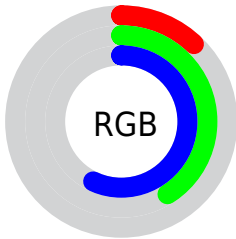
Format	Color
R_{YB}	31, 76, 145
Decimal	2058641
CIE _{Lab}	41.91, -7.96, -28.28
CIE _{LCh}	42, 29.382, 254.285
Yxy	12.4388, 0.2071, 0.2402
Android (android.graphics.Color)	4280248721 (0xFF1F6991)
YUV	87.4340, 28.3800, -49.4926
Hunter-Lab	35.2687, -7.4268, -23.4309

Details

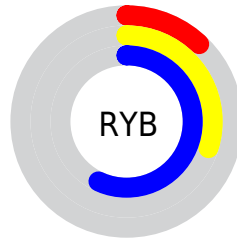
The Hex color **1F6991** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **91471F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5E9CC7**, and **003A5E** is the 20% darker color. If you saturate the color by 10%, you get **116491**, and if you desaturate by 10%, it is **2D6E91**.

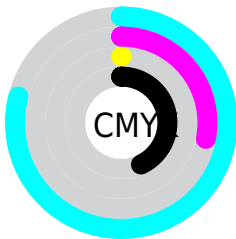
Distribution



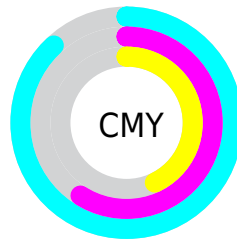
- Red (12%)
- Green (41%)
- Blue (57%)



- Red (12%)
- Yellow (30%)
- Blue (57%)



- Cyan (79%)
- Magenta (28%)
- Yellow (0%)
- Black (43%)



- Cyan (88%)
- Magenta (59%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F6991 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 1F6991 by changing the saturation by 10% instead.

■ 1F6991

■ 1F6991

FFFFFF

■ 005177

■ 5E9CC7

■ 003A5E

■ 7AB7E3

■ 002546

■ 96D3FF

■ 001030

■ B3EFFF

■ 00011A

■ D0FFFF

■ 000000

■ EDFFFF

■ 1F6991

■ 1F6991

■ 116491

■ 2D6E91

■ 025F91

■ 3C7391

■ 005E91

■ 4B7891

■ 597D91

■ 688291

■ 768891

■ 858D91

■ 939291

■ A29791

Harmonies

Analogous

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



006E84



1F6991



516192

Triad

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



1F6991



915058



4C6B3F

Complementary

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



1F6991



91471F

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.



676533



1F6991



8C5542

Square

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



1F6991



8A5171



7D5D34



2A6F55

Rectangle

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



1F6991



6A5B8B



7D5D34



55693A

Sweetspot

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



1F6991



8FADBD



1F9147



43555E



DEDEDE



5E5E5E

Same Dimension

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



1F6991



0B7EBD



1F3091



404547



005887



000508

Inverse Universe

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



911F69



BD0B7E



91801F



474045



870058



080005

Previews

White Background



This preview shows how the Hex color 1F6991 looks on a white background.

Color Contrast Check

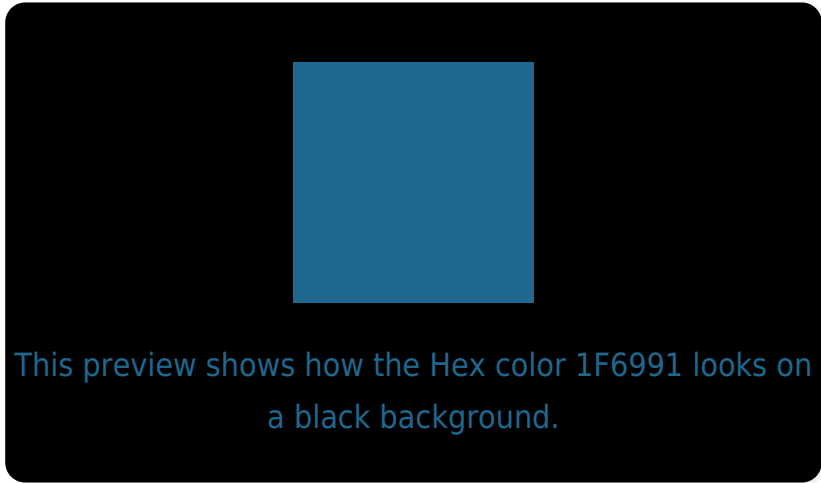
Large Text (above 18pt) WCAG AA ✓ Pass

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

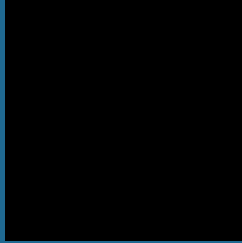
Any Text WCAG AA × Fail

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 1F6991 Background



This preview shows how black text looks on a background with the Hex color 1F6991.

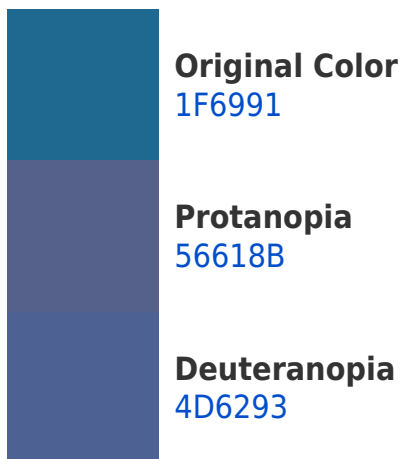


This preview shows how white text looks on a background with the Hex color 1F6991.

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](#).

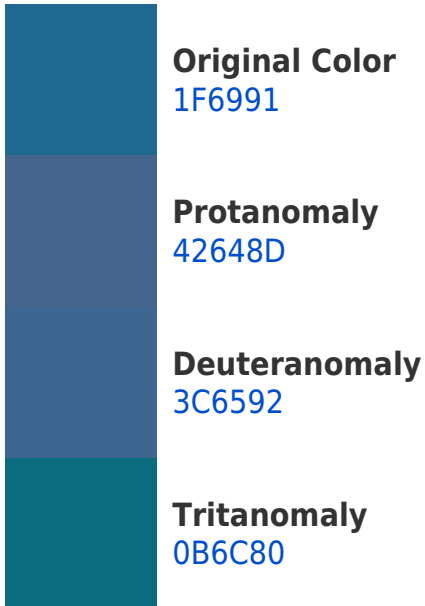
Dichromacy





Tritanopia
006D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F6991 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 #1F6991 looks like.

```
.text, #text, p{  
    color:#1F6991  
}
```

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 #1F6991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F6991
}
```

Border

The CSS property to change the border of an element to Hex 1F6991 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
#1F6991 }
```

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

```
.border{ border-color:#1F6991 }
```

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

Here you see how a box with a 4 pixel #1F6991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F6991; -webkit-box-shadow:4px 4px  
4px 4px #1F6991; box-shadow:4px 4px 4px  
4px #1F6991 }
```

Background

The CSS property to change the background color of an element to Hex 1F6991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F6991 }
```

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

```
.background{ background-color:#1F6991 }
```

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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