

Converting Colors

Hex(1F709A)

Have a look what the booklet for
Hex(1F709A) contains.

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Color

Hex(1F709A)

Conversions

Conversions Part 1

Format	Color
Hex	1F709A
RGB	31, 112, 154
RGB Percent	12%, 44%, 60%
CMY	0.8784, 0.5608, 0.3961
CMYK	0.80, 0.27, 0.00, 0.40
HSL	200°, 66%, 36%
HSV	200°, 80%, 60%
XYZ	12.1920, 14.2127, 32.6726
YIQ	92.5690, -61.7580, -4.1100

Conversions

Conversions Part 2

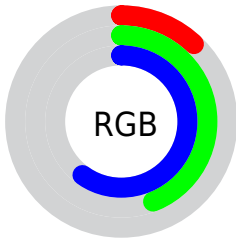
Format	Color
R_{YB}	31, 80, 154
Decimal	2060442
CIE _{Lab}	44.54, -8.77, -29.52
CIE _{LCh}	45, 30.799, 253.456
Yxy	14.2127, 0.2064, 0.2406
Android (android.graphics.Color)	4280250522 (0xFF1F709A)
YUV	92.5690, 30.2855, -53.9960
Hunter-Lab	37.6998, -8.2484, -24.9939

Details

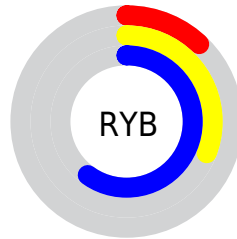
The Hex color **1F709A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9A491F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **60A4D1**, and **004067** is the 20% darker color. If you saturate the color by 10%, you get **106B9A**, and if you desaturate by 10%, it is **2E759A**.

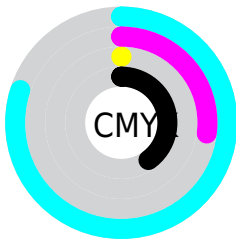
Distribution



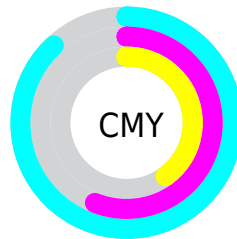
- Red (12%)
- Green (44%)
- Blue (60%)



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



- Cyan (80%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F709A 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 1F709A by changing the saturation by 10% instead.

■ 1F709A

■ 1F709A

FFFFFF

■ 005880

■ 60A4D1

■ 004067

■ 7CBFED

■ 002B4E

■ 99DAFF

■ 001737

■ B6F7FF

■ 000222

■ D3FFFF

■ 000007

■ F1FFFF

■ 000000

■ 1F709A

■ 1F709A

■ 106B9A

■ 2E759A

00659A

3E7B9A

4D809A

5D859A

6C8A9A

7B909A

8B959A

9A9A9A

AA9F9A

Harmonies

Analogous

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



00758C



1F709A



55689B

Triad

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



1F709A



9B555F



527243

Complementary

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



1F709A



9A491F

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.



6E6C36



1F709A



955A47

Square

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



1F709A



925779



866338



2E765A

Rectangle

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



1F709A



706294



866338



5C703D

Sweetspot

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



1F709A



99B9C9



1F9A48



485C66



E6E6E6



666666

Same Dimension

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



1F709A



0887C9



1F349A



454A4D



005C8C



00080D

Inverse Universe

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



9A1F70



C90887



9A861F



4D454A



8C005C



0D0008

Previews

White Background



This preview shows how the Hex color 1F709A looks on a white background.

Color Contrast Check

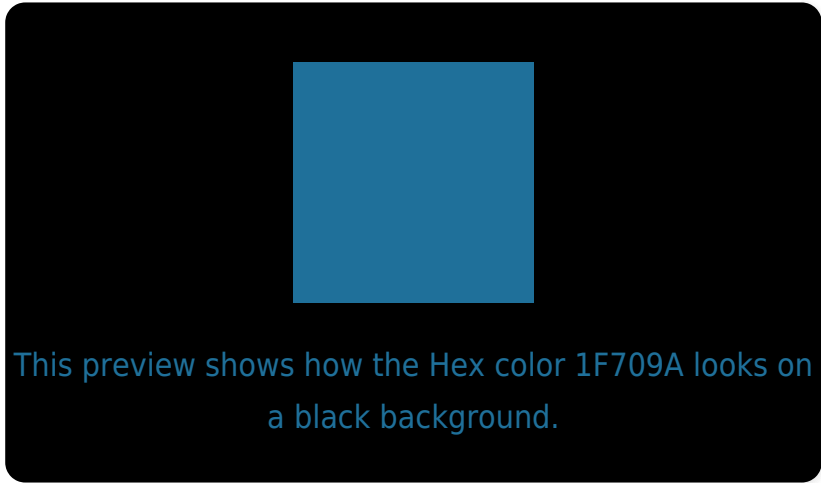
Large Text (above 18pt) WCAG AA ✓ Pass

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

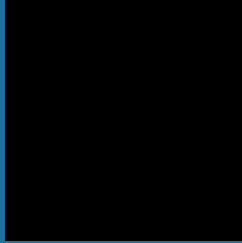
Any Text WCAG AA × Fail

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 1F709A Background



This preview shows how black text looks on a background with the Hex color 1F709A.



This preview shows how white text looks on a background with the Hex color 1F709A.

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](#).

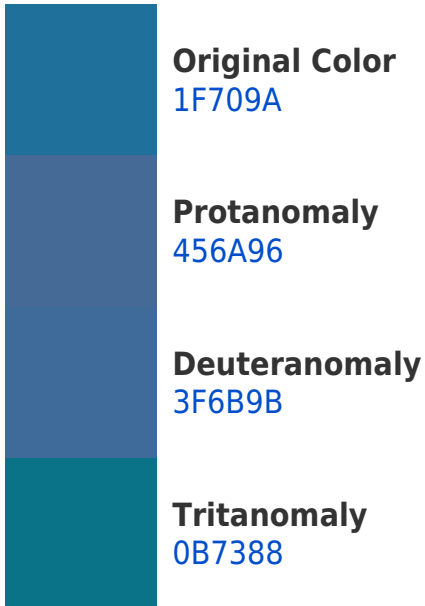
Dichromacy



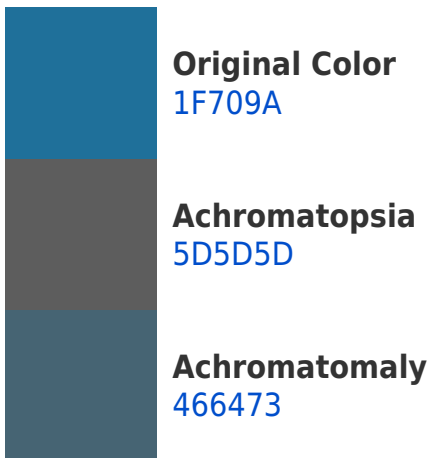


Tritanopia
00757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F709A 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 #1F709A looks like.

```
.text, #text, p{  
    color:#1F709A  
}
```

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 #1F709A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F709A
}
```

Border

The CSS property to change the border of an element to Hex 1F709A 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
#1F709A }
```

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

```
.border{ border-color:#1F709A }
```

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

Here you see how a box with a 4 pixel #1F709A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F709A; -webkit-box-shadow:4px 4px  
4px 4px #1F709A; box-shadow:4px 4px 4px  
4px #1F709A }
```

Background

The CSS property to change the background color of an element to Hex 1F709A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F709A }
```

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

```
.background{ background-color:#1F709A }
```

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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