

Converting Colors

Hex(4F519E)

Have a look what the booklet for
Hex(4F519E) contains.

Hex(4F519E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F519E)

Conversions

Conversions Part 1

Format	Color
Hex	4F519E
RGB	79, 81, 158
RGB Percent	31%, 32%, 62%
CMY	0.6902, 0.6824, 0.3804
CMYK	0.50, 0.49, 0.00, 0.38
HSL	238°, 33%, 46%
HSV	238°, 50%, 62%
XYZ	12.3384, 10.0157, 33.6307
YIQ	89.1800, -25.9090, 23.5230

Conversions

Conversions Part 2

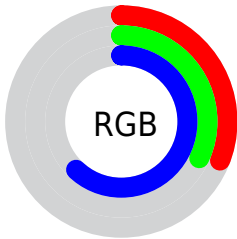
Format	Color
R_{YB}	79, 81, 158
Decimal	5198238
CIE _{Lab}	37.87, 20.97, -42.31
CIE _{LCh}	38, 47.223, 296.360
Yxy	10.0157, 0.2204, 0.1789
Android (android.graphics.Color)	4283388318 (0xFF4F519E)
YUV	89.1800, 33.9283, -8.9279
Hunter-Lab	31.6477, 14.2082, -40.8517

Details

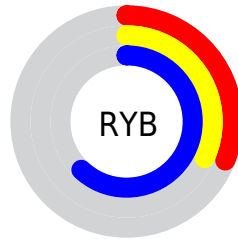
The Hex color **4F519E** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9E9C4F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8582D5**, and **14256A** is the 20% darker color. If you saturate the color by 10%, you get **3F429E**, and if you desaturate by 10%, it is **5F609E**.

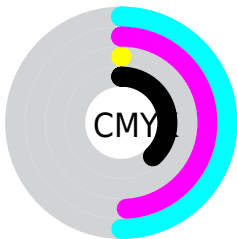
Distribution



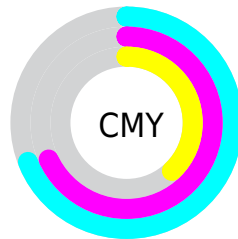
- Red (31%)
- Green (32%)
- Blue (62%)



- Red (31%)
- Yellow (32%)
- Blue (62%)



- Cyan (50%)
- Magenta (49%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (68%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F519E 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 4F519E by changing the saturation by 10% instead.



4F519E



4F519E

FFFFFF



343A84



8582D5



14256A



A19CF2



001151



BDB7FF



00003A



D9D3FF



000223



F7EFFF



00000A



000000



4F519E



4F519E



3F429E



5F609E

■ 2F329E

■ 6F709E

■ 20239E

■ 7E7F9E

■ 10139E

■ 8E8F9E

■ 00049E

■ 9E9E9E

■ AEAD9E

■ BEBD9E

■ CDCC9E

■ DDDC9E

Harmonies

Analogous

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



005FA6



4F519E



823F84

Triad

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



4F519E



8C4618



006A53

Complementary

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



4F519E



9E9C4F

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.



09672C



4F519E



6F5600

Square

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



4F519E



9C373A



4B6107



006B7A

Rectangle

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



4F519E



95356C



4B6107



006A46

Sweetspot

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



4F519E



B0B0CF



4F9E9B



565669



E8E8E8



696969

Same Dimension

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



4F519E



5356CF



744F9E



47474F



00048F



00000F

Inverse Universe

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



9E4F51



CF5356



799E4F



4F4747



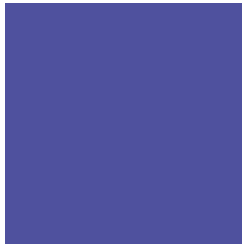
8F0004



0F0000

Previews

White Background



This preview shows how the Hex color 4F519E looks on a white background.

Color Contrast Check

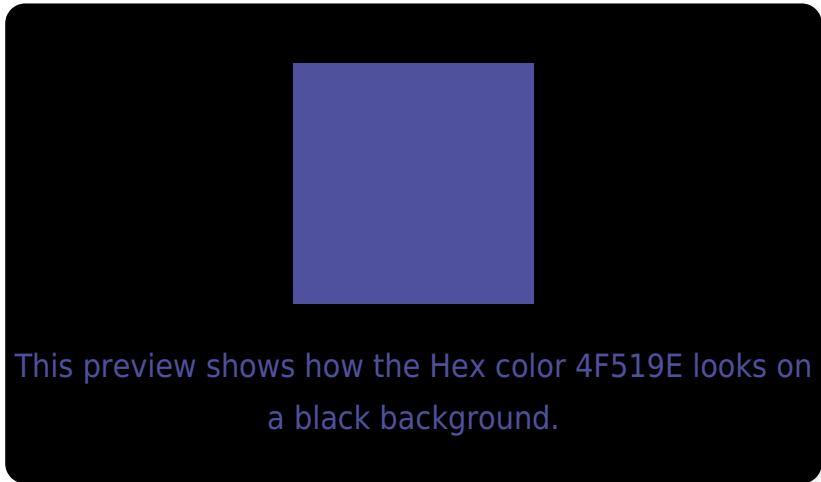
Large Text (above 18pt) WCAG AA ✓ Pass

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

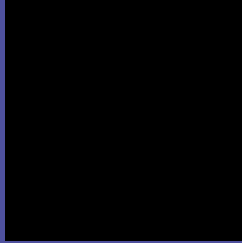
Any Text WCAG AA × Fail

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 4F519E Background



This preview shows how black text looks on a background with the Hex color 4F519E.

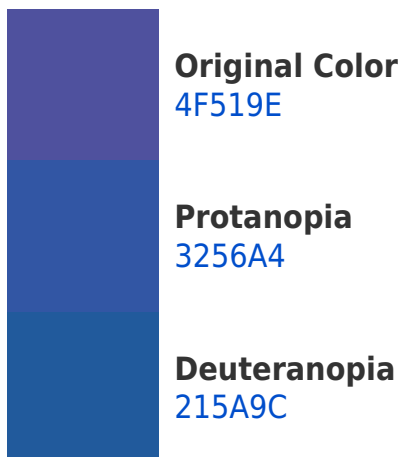



This preview shows how white text looks on a background with the Hex color 4F519E.

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
3E5E66

Trichromacy



Original Color
4F519E

Protanomaly
3D54A2

Deuteranomaly
32579D

Tritanomaly
44597A

Monochromacy



Original Color
4F519E

Achromatopsia
595959

Achromatomaly
555672

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F519E 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 #4F519E looks like.

```
.text, #text, p{  
    color:#4F519E  
}
```

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 #4F519E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F519E
}
```

Border

The CSS property to change the border of an element to Hex 4F519E 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
#4F519E }
```

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

```
.border{ border-color:#4F519E }
```

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

Here you see how a box with a 4 pixel #4F519E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F519E; -webkit-box-shadow:4px 4px  
4px 4px #4F519E; box-shadow:4px 4px 4px  
4px #4F519E }
```

Background

The CSS property to change the background color of an element to Hex 4F519E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F519E }
```

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

```
.background{ background-color:#4F519E }
```

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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