

Converting Colors

Hex(4F558D)

Have a look what the booklet for
Hex(4F558D) contains.

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Color

Hex(4F558D)

Conversions

Conversions Part 1

Format	Color
Hex	4F558D
RGB	79, 85, 141
RGB Percent	31%, 33%, 55%
CMY	0.6902, 0.6667, 0.4471
CMYK	0.44, 0.40, 0.00, 0.45
HSL	234°, 28%, 43%
HSV	234°, 44%, 55%
XYZ	11.2807, 10.0824, 26.5508
YIQ	89.5900, -21.5520, 16.1440

Conversions

Conversions Part 2

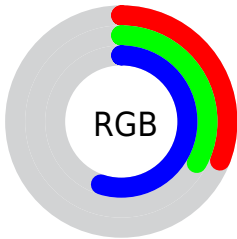
Format	Color
R_{YB}	79, 84, 141
Decimal	5199245
CIE _{Lab}	37.99, 13.00, -31.86
CIE _{LCh}	38, 34.415, 292.198
Yxy	10.0824, 0.2354, 0.2104
Android (android.graphics.Color)	4283389325 (0xFF4F558D)
YUV	89.5900, 25.3451, -9.2874
Hunter-Lab	31.7527, 7.8478, -27.3499

Details

The Hex color **4F558D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D874F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8386C3**, and **1B285A** is the 20% darker color. If you saturate the color by 10%, you get **41488D**, and if you desaturate by 10%, it is **5D628D**.

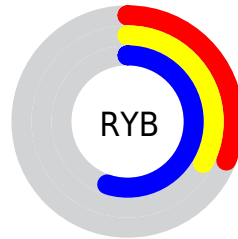
Distribution



Red (31%)

Green (33%)

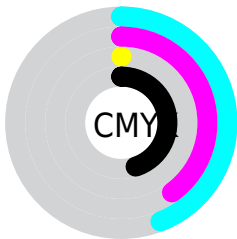
Blue (55%)



Red (31%)

Yellow (33%)

Blue (55%)

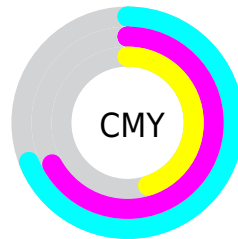


Cyan (44%)

Magenta (40%)

Yellow (0%)

Black (45%)



Cyan (69%)

Magenta (67%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F558D 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 4F558D by changing the saturation by 10% instead.

■ 4F558D

■ 4F558D

FFFFFF

■ 363E73

■ 8386C3

■ 1B285A

■ 9EA1DF

■ 001443

■ BABCFC

■ 00002C

■ D6D7FF

■ 000116

■ F3F4FF

■ 000000

■ 4F558D

■ 4F558D

■ 41488D

■ 5D628D

■ 333C8D

■ 6B6E8D

■ 252F8D

■ 797B8D

■ 17228D

■ 87888D

■ 09158D

■ 96958D

■ 000E8D

■ A4A18D

■ B2AE8D

■ C0BB8D

■ CEC88D

Harmonies

Analogous

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



005F90



4F558D



754A7C

Triad

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



4F558D



834B2E



006751

Complementary

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



4F558D



8D874F

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.



336436



4F558D



705520

Square

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



4F558D



8D4346



555E23



00676E

Rectangle

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



4F558D



84446B



555E23



0C6647

Sweetspot

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



4F558D



A0A2B8



4F8D87



4D4F5C



DBDBDB



5C5C5C

Same Dimension

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



4F558D



5660B8



684F8D



404147



000D87



000108

Inverse Universe

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



8D4F55



B85660



748D4F



474041



87000D



080001

Previews

White Background



This preview shows how the Hex color 4F558D looks on a white background.

Color Contrast Check

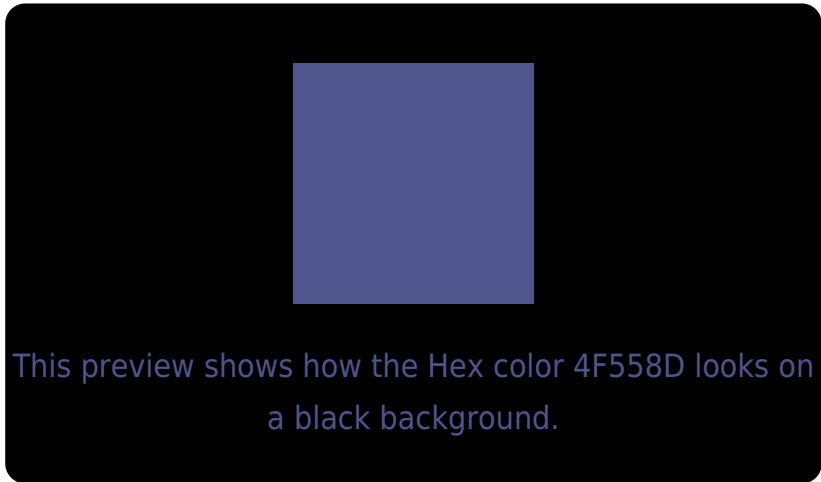
Large Text (above 18pt) WCAG AA ✓ Pass

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

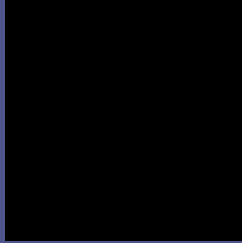
Any Text WCAG AA × Fail

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 4F558D Background



This preview shows how black text looks on a background with the Hex color 4F558D.



This preview shows how white text looks on a background with the Hex color 4F558D.

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



Original Color
4F558D

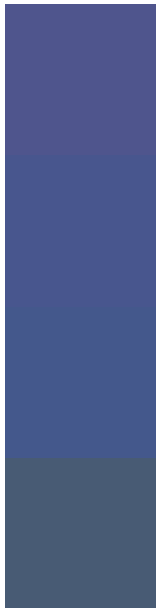
Protanopia
44578F

Deuteranopia
3E598C



Tritanopia
445E65

Trichromacy



Original Color
4F558D

Protanomaly
48568E

Deuteranomaly
44588C

Tritanomaly
485B74

Monochromacy



Original Color
4F558D

Achromatopsia
5A5A5A

Achromatomaly
56586D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F558D 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 #4F558D looks like.

```
.text, #text, p{  
    color:#4F558D  
}
```

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 #4F558D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F558D
}
```

Border

The CSS property to change the border of an element to Hex 4F558D 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
#4F558D }
```

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

```
.border{ border-color:#4F558D }
```

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

Here you see how a box with a 4 pixel #4F558D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F558D; -webkit-box-shadow:4px 4px  
4px 4px #4F558D; box-shadow:4px 4px 4px  
4px #4F558D }
```

Background

The CSS property to change the background color of an element to Hex 4F558D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F558D }
```

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

```
.background{ background-color:#4F558D }
```

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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