

Converting Colors

Hex(42718F)

Have a look what the booklet for
Hex(42718F) contains.

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Color

Hex(42718F)

Conversions

Conversions Part 1

Format	Color
Hex	42718F
RGB	66, 113, 143
RGB Percent	26%, 44%, 56%
CMY	0.7412, 0.5569, 0.4392
CMYK	0.54, 0.21, 0.00, 0.44
HSL	203°, 37%, 41%
HSV	203°, 54%, 56%
XYZ	13.1098, 14.9517, 28.1816
YIQ	102.3670, -37.6420, -0.6340

Conversions

Conversions Part 2

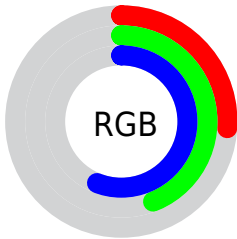
Format	Color
R _{YB}	66, 95, 143
Decimal	4354447
CIE Lab	45.57, -7.04, -21.31
CIE LCh	46, 22.439, 251.714
Yxy	14.9517, 0.2331, 0.2658
Android (android.graphics.Color)	4282544527 (0xFF42718F)
YUV	102.3670, 20.0321, -31.8939
Hunter-Lab	38.6674, -7.1492, -16.1446

Details

The Hex color **42718F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F6042**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **77A5C5**, and **01415D** is the 20% darker color. If you saturate the color by 10%, you get **346B8F**, and if you desaturate by 10%, it is **50778F**.

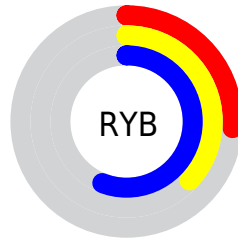
Distribution



Red (26%)

Green (44%)

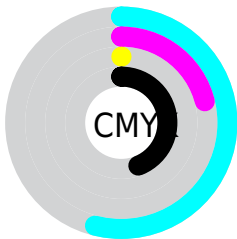
Blue (56%)



Red (26%)

Yellow (37%)

Blue (56%)

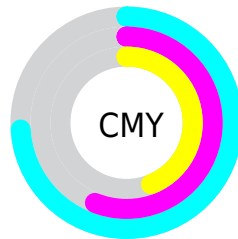


Cyan (54%)

Magenta (21%)

Yellow (0%)

Black (44%)



Cyan (74%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42718F 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 42718F by changing the saturation by 10% instead.

■ 42718F

■ 42718F

FFFFFF

■ 265975

■ 77A5C5

■ 01415D

■ 92C0E1

■ 002B45

■ AEDCFE

■ 00172E

■ CAF8FF

■ 00011A

■ E7FFFF

■ 000000

■ 42718F

■ 42718F

■ 346B8F

■ 50778F

■ 25668F

■ 5F7C8F

■ 17608F

■ 6D828F

■ 095B8F

■ 7B878F

■ 00578F

■ 8A8D8F

■ 98928F

■ A6988F

■ B49E8F

■ C3A38F

Harmonies

Analogous

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



2F7584



42718F



5E6B90

Triad

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



42718F



915E65



5D724F

Complementary

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



42718F



8F6042

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.



726D47



42718F



8E6154

Square

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



42718F



8A5F78



836749



477560

Rectangle

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



42718F



70678C



836749



64714C

Sweetspot

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



42718F



9CAFBA



428F60



4C575E



DEDEDE



5E5E5E

Same Dimension

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



42718F



418BBA



424B8F



404547



005287



000508

Inverse Universe

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



8F4271



BA418B



8F8642



474045



870052



080005

Previews

White Background



This preview shows how the Hex color 42718F looks on a white background.

Color Contrast Check

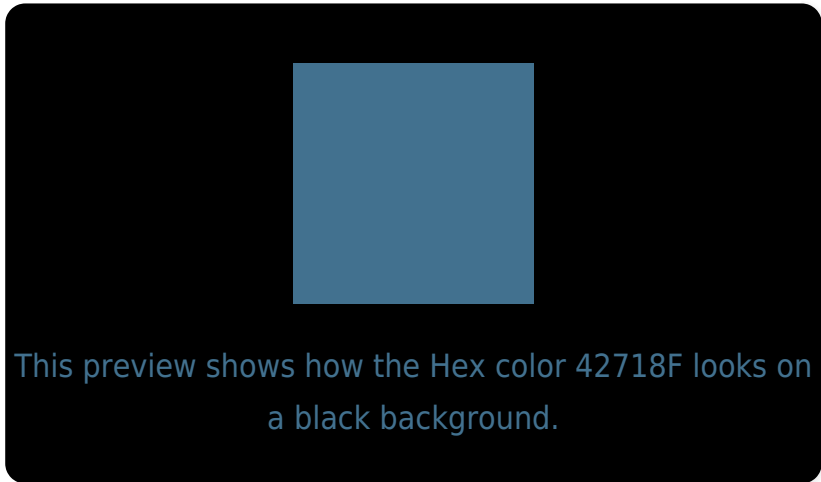
Large Text (above 18pt) WCAG AA ✓ Pass

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

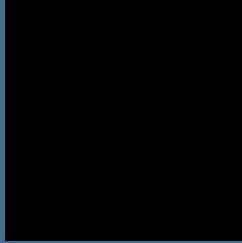
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

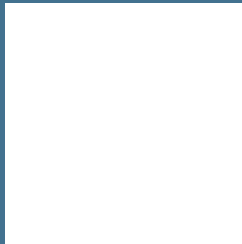
Any Text WCAG AAA × Fail

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

Hex 42718F Background



This preview shows how black text looks on a background with the Hex color 42718F.

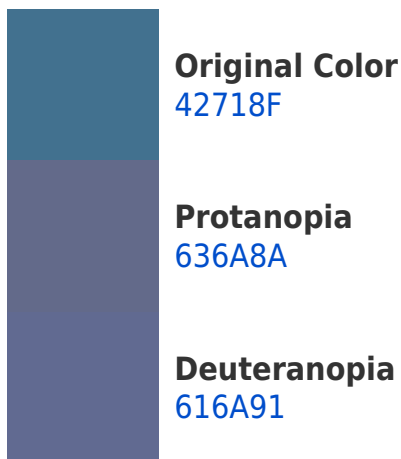


This preview shows how white text looks on a background with the Hex color 42718F.

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](#).

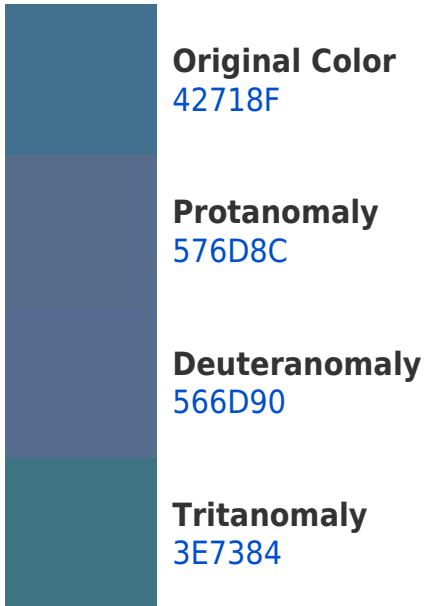
Dichromacy



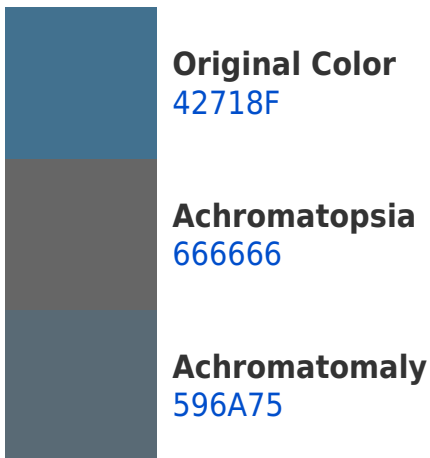


Tritanopia
3C747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42718F 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 #42718F looks like.

```
.text, #text, p{  
    color:#42718F  
}
```

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 #42718F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42718F
}
```

Border

The CSS property to change the border of an element to Hex 42718F is called "border". The border property can be set on classes, ids or directly on the HTML element.

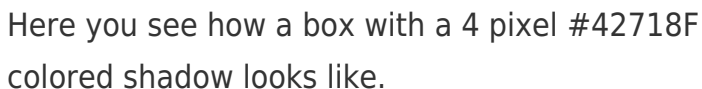
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42718F }
```

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

```
.border{ border-color:#42718F }
```

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



Here you see how a box with a 4 pixel #42718F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42718F; -webkit-box-shadow:4px 4px  
4px 4px #42718F; box-shadow:4px 4px 4px  
4px #42718F }
```

Background

The CSS property to change the background color of an element to Hex 42718F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42718F }
```

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

```
.background{ background-color:#42718F }
```

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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awesome pro features!

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