

# Converting Colors

Hex(428F93)

Have a look what the booklet for  
Hex(428F93) contains.

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**Color**

**Hex(428F93)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 428F93                       |
| RGB         | 66, 143, 147                 |
| RGB Percent | 26%, 56%, 58%                |
| CMY         | 0.7412, 0.4392, 0.4235       |
| CMYK        | 0.55, 0.03, 0.00, 0.42       |
| HSL         | 183°, 38%, 42%               |
| HSV         | 183°, 55%, 58%               |
| XYZ         | 17.3357, 22.9098, 31.1121    |
| YIQ         | 120.4330, -47.1760, -15.0800 |

# Conversions

## Conversions Part 2

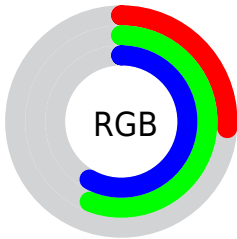
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 66, 105, 147                   |
| Decimal                             | 4362131                        |
| CIE Lab                             | 54.98, -22.39, -9.35           |
| CIE LCh                             | 55, 24.265, 202.671            |
| Yxy                                 | 22.9098, 0.2429,<br>0.3211     |
| Android<br>(android.graphics.Color) | 4282552211<br>(0xFF428F93)     |
| YUV                                 | 120.4330, 13.0975,<br>-47.7377 |
| Hunter-Lab                          | 47.8641, -19.1122,<br>-5.0341  |

# Details

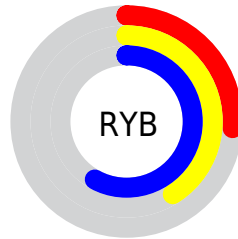
The Hex color **428F93** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **934642**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **79C5C9**, and **005C60** is the 20% darker color. If you saturate the color by 10%, you get **338E93**, and if you desaturate by 10%, it is **519093**.

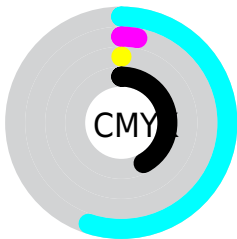
# Distribution



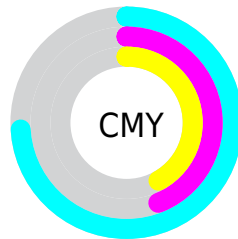
- Red (26%)
- Green (56%)
- Blue (58%)



- Red (26%)
- Yellow (41%)
- Blue (58%)



- Cyan (55%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (74%)
- Magenta (44%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 428F93 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 428F93 by changing the saturation by 10% instead.



428F93

428F93

FFFFFF

247579

79C5C9

005C60

95E1E5

004449

B1FEFF

002E32

CEFFFF

001B1D

EBFFFF

000002

000000

428F93

428F93

338E93

519093

■ 258E93

■ 5F9093

■ 168D93

■ 6E9193

■ 078C93

■ 7D9293

■ 008C93

■ 8B9393

■ 9A9393

■ A99493

■ B89593

■ C69693

# Harmonies

## Analogous

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



528F7E



428F93



478CA4

# Triad

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



428F93



99799D



97805A

# Complementary

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



428F93



934642

# 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.



A77A63



428F93



AA748A

# Square

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



428F93



8080AA



AE7574



82875C

# Rectangle

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



428F93



5789AB



AE7574



9D7E5C



# Sweetspot

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



428F93



9FBEBF



429345



4E6061



E0E0E0



616161



# Same Dimension

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



428F93



41B9BF



426893



434A4A



00838A



000A0A



# Inverse Universe

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



93428F



BF41B9



936D42



4A434A



8A0083

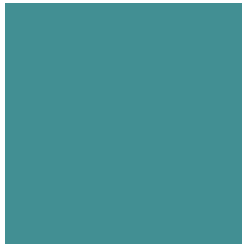


0A000A



# Previews

## White Background



This preview shows how the Hex color 428F93 looks on a white background.

## Color Contrast Check

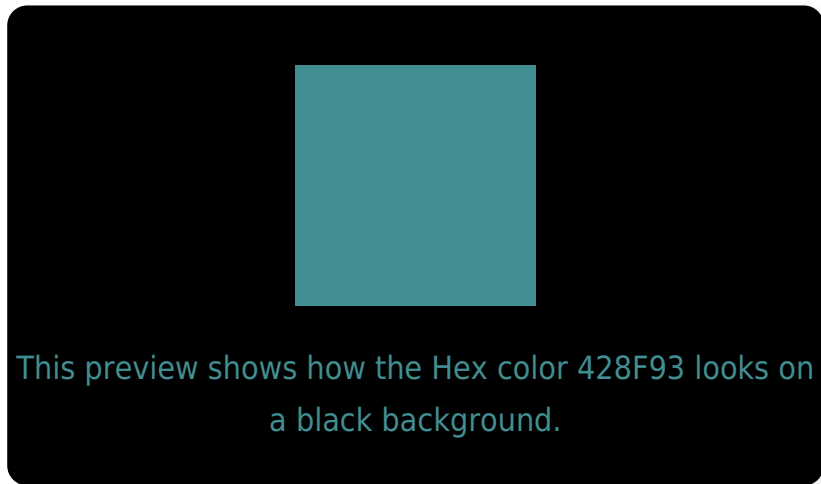
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

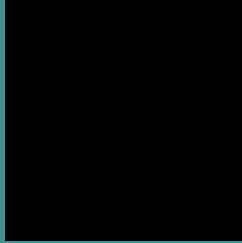
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 428F93 Background



This preview shows how black text looks on a background with the Hex color 428F93.

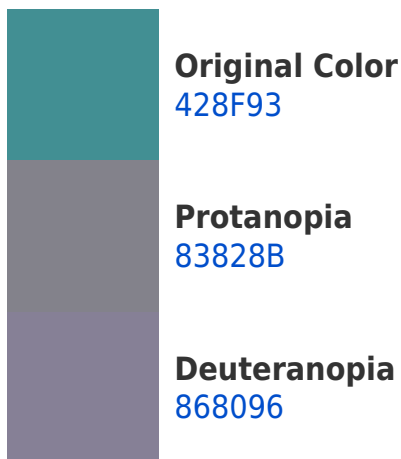


This preview shows how white text looks on a background with the Hex color 428F93.

# 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



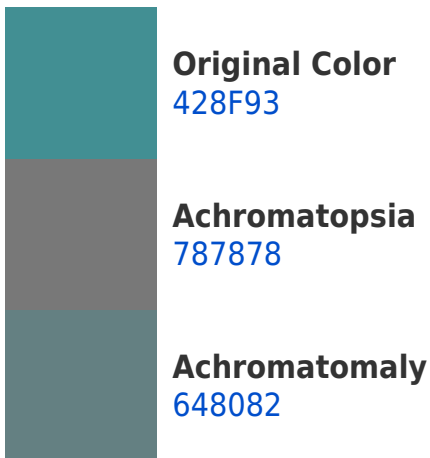


**Tritanopia**  
448E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 428F93 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 #428F93 looks like.

```
.text, #text, p{  
    color:#428F93  
}
```

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 #428F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428F93
}
```

## Border

The CSS property to change the border of an element to Hex 428F93 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
#428F93 }
```

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

```
.border{ border-color:#428F93 }
```

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

Here you see how a box with a 4 pixel #428F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428F93; -webkit-box-shadow:4px 4px  
4px 4px #428F93; box-shadow:4px 4px 4px  
4px #428F93 }
```

# Background

The CSS property to change the background color of an element to Hex 428F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428F93 }
```

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

```
.background{ background-color:#428F93 }
```

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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