

Converting Colors

Hex(47928E)

Have a look what the booklet for
Hex(47928E) contains.

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Color

Hex(47928E)

Conversions

Conversions Part 1

Format	Color
Hex	47928E
RGB	71, 146, 142
RGB Percent	28%, 57%, 56%
CMY	0.7216, 0.4275, 0.4431
CMYK	0.51, 0.00, 0.03, 0.43
HSL	177°, 35%, 43%
HSV	177°, 51%, 57%
XYZ	17.7599, 23.8504, 29.2587
YIQ	123.1190, -43.4160, -17.1440

Conversions

Conversions Part 2

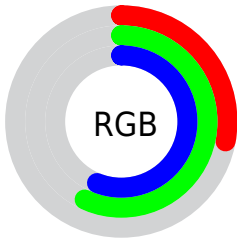
Format	Color
RYB	71, 110, 146
Decimal	4690574
CIELab	55.94, -24.23, -5.03
CIElCh	56, 24.743, 191.731
Yxy	23.8504, 0.2506, 0.3365
Android (android.graphics.Color)	4282880654 (0xFF47928E)
YUV	123.1190, 9.3083, -45.7084
Hunter-Lab	48.8368, -20.5515, -1.3356




Details

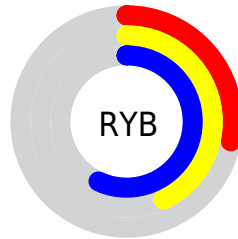
The Hex color **47928E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **92474B**, and the grayscale version is **7B7B7B**.




A 20% lighter version of the original color is **7EC8C4**, and **025F5C** is the 20% darker color. If you saturate the color by 10%, you get **38928D**, and if you desaturate by 10%, it is **56928F**.

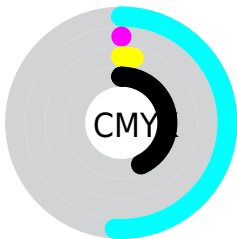
Distribution







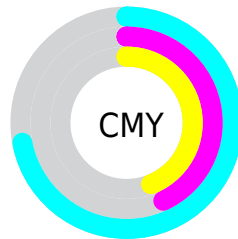
-  Red (28%)
-  Green (57%)
-  Blue (56%)






-  Red (28%)
-  Yellow (43%)
-  Blue (57%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (43%)



-  Cyan (72%)
-  Magenta (43%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47928E 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 47928E by changing the saturation by 10% instead.

 47928E

 47928E

FFFFFF

 2A7874

 7EC8C4

 025F5C

 99E4E0

 004744

 B5FFFC

 00302E

 D2FFFF

 001D19

 EFFFFFF

 000000

 47928E

 47928E

 38928D

 56928F

 2A928C

 649290

1B928C

739290

0D928B

819291

00928A

909292

9F9293

AD9293

BC9294

CA9295

Harmonies

Analogous

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



5C9178



47928E



4390A2

Triad

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



47928E



947EA6



A1805E

Complementary

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



47928E



92474B

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.



AE7A6A



47928E



A87894

Square

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



47928E



7785B0



B1767E



8D875C

Rectangle

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



47928E



4F8EAB



B1767E



A67E61

Sweetspot

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



47928E



A0BDBB



4C9247



4D5E5D



DEDEDE



5E5E5E

Same Dimension

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



47928E



48BDB6



477292



434A4A



008A82



000A0A

Inverse Universe

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



92474B



BD484E



926847



4A4343



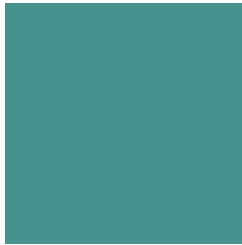
8A0007



0A0001

Previews

White Background



This preview shows how the Hex color 47928E looks on a white background.

Color Contrast Check

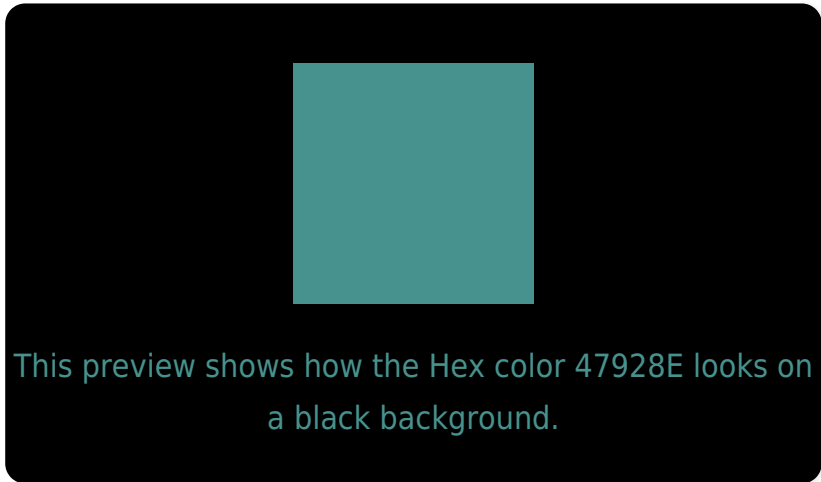
Large Text (above 18pt) WCAG AA ✓ Pass

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 47928E Background



This preview shows how black text looks on a background with the Hex color 47928E.

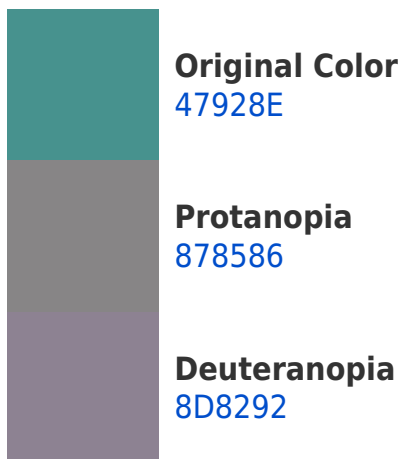


This preview shows how white text looks on a background with the Hex color 47928E.

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



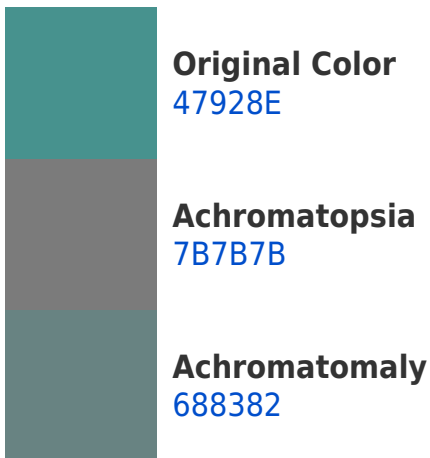


Tritanopia
4C909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47928E 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 #47928E looks like.

```
.text, #text, p{  
    color:#47928E  
}
```

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 #47928E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47928E
}
```

Border

The CSS property to change the border of an element to Hex 47928E 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
#47928E }
```

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

```
.border{ border-color:#47928E }
```

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

Here you see how a box with a 4 pixel #47928E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47928E; -webkit-box-shadow:4px 4px  
4px 4px #47928E; box-shadow:4px 4px 4px  
4px #47928E }
```

Background

The CSS property to change the background color of an element to Hex 47928E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47928E }
```

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

```
.background{ background-color:#47928E }
```

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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