

Converting Colors

Hex(489E90)

Have a look what the booklet for
Hex(489E90) contains.

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Color

Hex(489E90)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 489E90 |
| RGB | 72, 158, 144 |
| RGB Percent | 28%, 62%, 56% |
| CMY | 0.7176, 0.3804, 0.4353 |
| CMYK | 0.54, 0.00, 0.09, 0.38 |
| HSL | 170°, 37%, 45% |
| HSV | 170°, 54%, 62% |
| XYZ | 19.9334, 27.8451, 30.7096 |
| YIQ | 130.6900, -46.7620, -22.5860 |

Conversions

Conversions Part 2

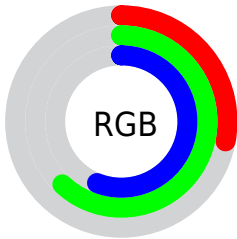
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 72, 119, 158 |
| Decimal | 4759184 |
| CIE _{Lab} | 59.75, -29.44, -0.56 |
| CIE _{LCh} | 60, 29.443, 181.088 |
| Yxy | 27.8451, 0.2540, 0.3548 |
| Android (android.graphics.Color) | 4282949264 (0xFF489E90) |
| YUV | 130.6900, 6.5618, -51.4711 |
| Hunter-Lab | 52.7684, -24.9159, 2.4329 |

Details

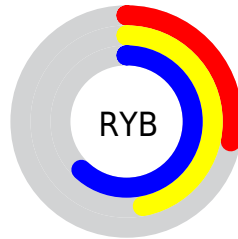
The Hex color **489E90** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E4856**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **80D5C6**, and **006A5E** is the 20% darker color. If you saturate the color by 10%, you get **389E8D**, and if you desaturate by 10%, it is **589E93**.

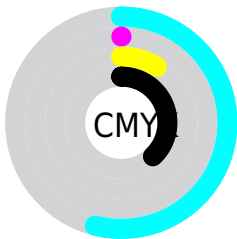
Distribution



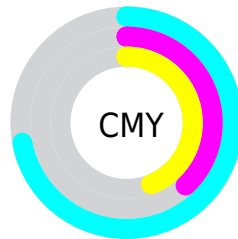
- Red (28%)
- Green (62%)
- Blue (56%)



- Red (28%)
- Yellow (47%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (72%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 489E90 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 489E90 by changing the saturation by 10% instead.

 489E90

 489E90

FFFFFF

 2A8476

 80D5C6

 006A5E

 9CF2E2

 005146

 B8FFFE

 003A30

 D5FFFF

 00241B

 F2FFFF

 000000

 489E90

 489E90

 389E8D

 589E93

 289E8B

 689E95

■ 199E88

■ 779E98

■ 099E86

■ 879E9A

■ 009E84

■ 979E9D

■ A79E9F

■ B79EA2

■ C69EA5

■ D69EA7

Harmonies

Analogous

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



679C76



489E90



359DAA

Triad

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



489E90



9589BC



B68663

Complementary

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



489E90



9E4856

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.



C27F76



489E90



B280A9

Square

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



489E90



6E92C3



C17C90



A18F5C

Rectangle

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



489E90



3D9BB7



C17C90



BB8369

Sweetspot

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



489E90



AECFC9



569E48



556965



E8E8E8



696969

Same Dimension

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



489E90



48CFB9



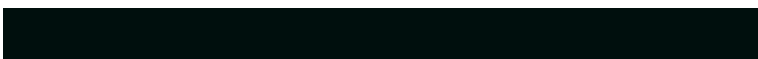
48819E



474F4E



008F78



000F0D

Inverse Universe

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



9E4856



CF485E



9E6548



4F4748



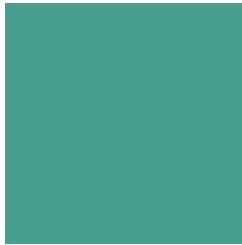
8F0017



0F0002

Previews

White Background



This preview shows how the Hex color 489E90 looks on a white background.

Color Contrast Check

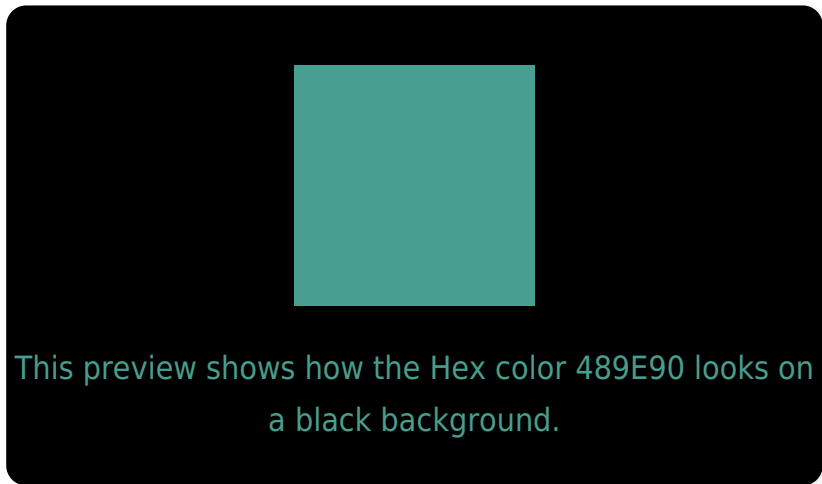
Large Text (above 18pt) WCAG AA ✓ Pass

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

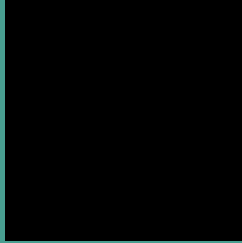
Any Text WCAG AA ✓ Pass

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 489E90 Background



This preview shows how black text looks on a background with the Hex color 489E90.

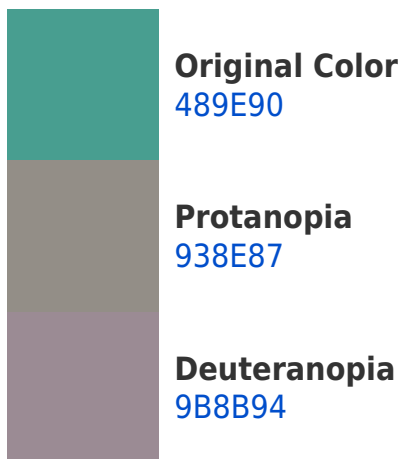


This preview shows how white text looks on a background with the Hex color 489E90.

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](#).

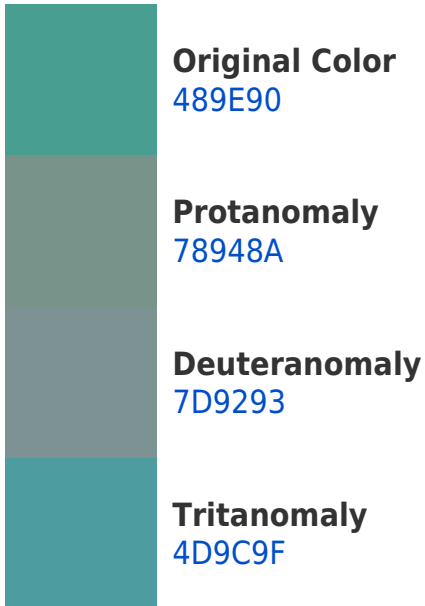
Dichromacy



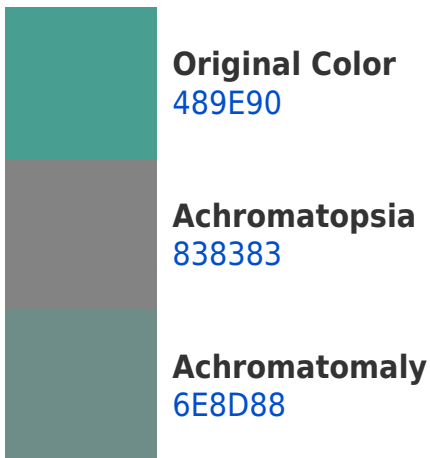


Tritanopia
509BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 489E90 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 #489E90 looks like.

```
.text, #text, p{  
    color:#489E90  
}
```

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 #489E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489E90
}
```

Border

The CSS property to change the border of an element to Hex 489E90 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
#489E90 }
```

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

```
.border{ border-color:#489E90 }
```

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

Here you see how a box with a 4 pixel #489E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489E90; -webkit-box-shadow:4px 4px  
4px 4px #489E90; box-shadow:4px 4px 4px  
4px #489E90 }
```

Background

The CSS property to change the background color of an element to Hex 489E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489E90 }
```

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

```
.background{ background-color:#489E90 }
```

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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