

Converting Colors

Hex(4588AE)

Have a look what the booklet for
Hex(4588AE) contains.

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Color

Hex(4588AE)

Conversions

Conversions Part 1

Format	Color
Hex	4588AE
RGB	69, 136, 174
RGB Percent	27%, 53%, 68%
CMY	0.7294, 0.4667, 0.3176
CMYK	0.60, 0.22, 0.00, 0.32
HSL	202°, 43%, 48%
HSV	202°, 60%, 68%
XYZ	18.8984, 21.9295, 43.2812
YIQ	120.2990, -52.1300, -2.3860

Conversions

Conversions Part 2

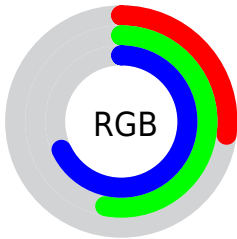
Format	Color
R _Y B	69, 110, 174
Decimal	4556974
CIE Lab	53.95, -9.69, -26.45
CIE LCh	54, 28.165, 249.884
Yxy	21.9295, 0.2247, 0.2607
Android (android.graphics.Color)	4282747054 (0xFF4588AE)
YUV	120.2990, 26.4746, -44.9892
Hunter-Lab	46.8290, -9.9149, -22.0179

Details

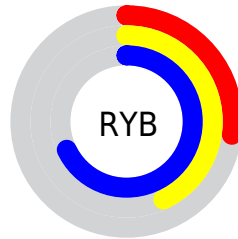
The Hex color **4588AE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AE6B45**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7EBDE6**, and **005679** is the 20% darker color. If you saturate the color by 10%, you get **3482AE**, and if you desaturate by 10%, it is **568EAE**.

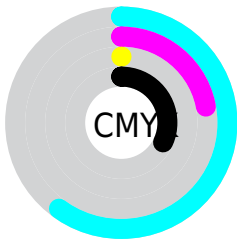
Distribution



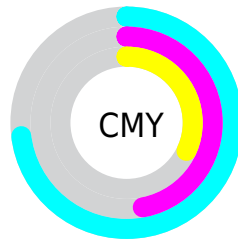
- Red (27%)
- Green (53%)
- Blue (68%)



- Red (27%)
- Yellow (43%)
- Blue (68%)



- Cyan (60%)
- Magenta (22%)
- Yellow (0%)
- Black (32%)



- Cyan (73%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4588AE 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 4588AE by changing the saturation by 10% instead.

■ 4588AE

■ 4588AE

FFFFFF

■ 256F93

■ 7EBDE6

■ 005679

■ 9AD9FF

■ 003F60

■ B7F5FF

■ 002949

■ D4FFFF

■ 001532

■ F1FFFF

■ 00021C

■ 000000

■ 4588AE

■ 4588AE

■ 3482AE

■ 568EAE

■ 227BAE

■ 6895AE

■ 1175AE

■ 799BAE

■ 006FAE

■ 8BA1AE

■ 9CA7AE

■ ADAEAE

■ BFB4AE

■ D0BAAE

■ E2C1AE

Harmonies

Analogous

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



298D9F



4588AE



6C81B1

Triad

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



4588AE



B16E7A



6F895B

Complementary

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



4588AE



AE6B45

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.



898251



4588AE



AE7263

Square

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



4588AE



A67192



9F7A54



518D6F

Rectangle

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



4588AE



847BAB



9F7A54



788756

Sweetspot

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



4588AE



BAD4E3



45AE6A



5A6A73



F2F2F2



737373

Same Dimension

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



4588AE



40A8E3



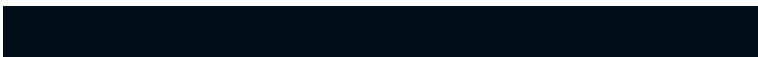
4555AE



4E5457



006096



000F17

Inverse Universe

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



AE4588



E340A8



AE9E45



574E54



960060



17000F

Previews

White Background



This preview shows how the Hex color 4588AE looks on a white background.

Color Contrast Check

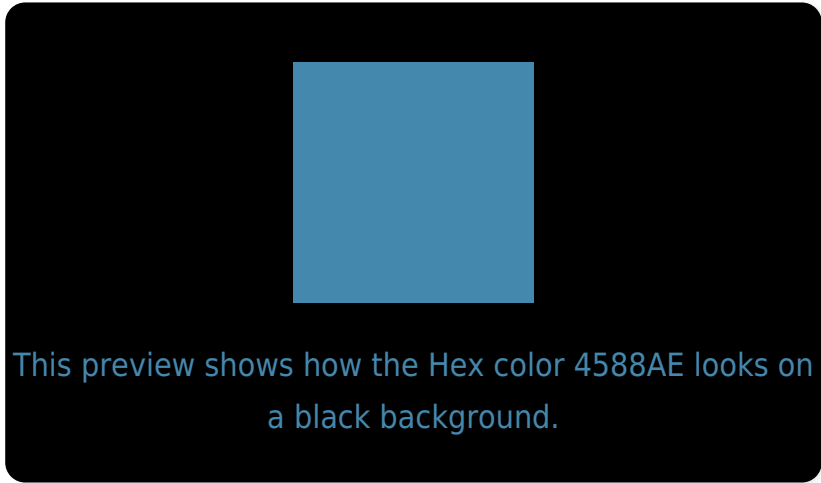
Large Text (above 18pt) WCAG AA ✓ Pass

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 4588AE Background



This preview shows how black text looks on a background with the Hex color 4588AE.

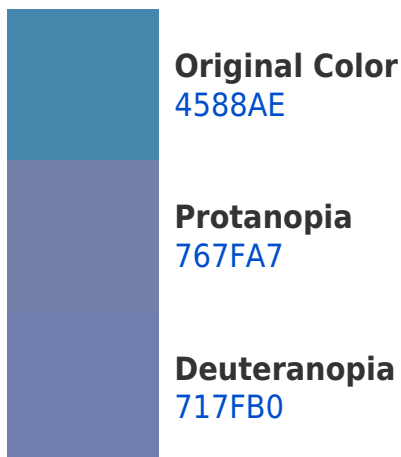


This preview shows how white text looks on a background with the Hex color 4588AE.

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](#).

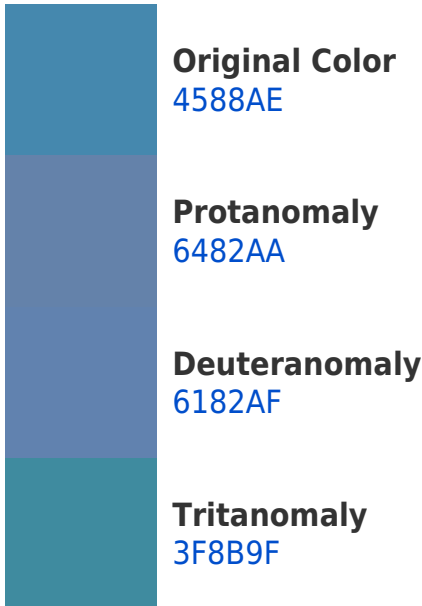
Dichromacy



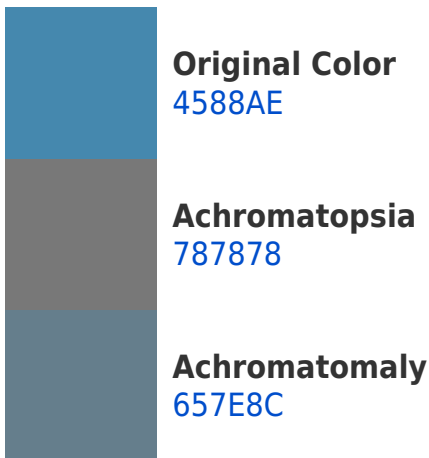


Tritanopia
3B8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4588AE 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 #4588AE looks like.

```
.text, #text, p{  
    color:#4588AE  
}
```

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 #4588AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4588AE
}
```

Border

The CSS property to change the border of an element to Hex 4588AE 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
#4588AE }
```

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

```
.border{ border-color:#4588AE }
```

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

Here you see how a box with a 4 pixel #4588AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4588AE; -webkit-box-shadow:4px 4px  
4px 4px #4588AE; box-shadow:4px 4px 4px  
4px #4588AE }
```

Background

The CSS property to change the background color of an element to Hex 4588AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4588AE }
```

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

```
.background{ background-color:#4588AE }
```

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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