

# Converting Colors

Hex(6288AE)

Have a look what the booklet for  
Hex(6288AE) contains.

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# Color

**Hex(6288AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6288AE
RGB	98, 136, 174
RGB Percent	38%, 53%, 68%
CMY	0.6157, 0.4667, 0.3176
CMYK	0.44, 0.22, 0.00, 0.32
HSL	210°, 32%, 53%
HSV	210°, 44%, 68%
XYZ	21.4811, 23.2610, 43.4020
YIQ	128.9700, -34.8460, 3.7620

# Conversions

## Conversions Part 2

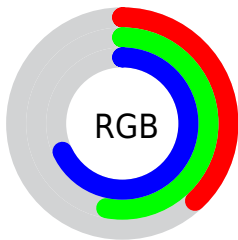
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 123, 174
Decimal	6457518
CIE Lab	55.34, -2.94, -24.19
CIE LCh	55, 24.368, 263.075
Yxy	23.2610, 0.2437, 0.2639
Android (android.graphics.Color)	4284647598 (0xFF6288AE)
YUV	128.9700, 22.1998, -27.1607
Hunter-Lab	48.2296, -4.8992, -19.5946

# Details

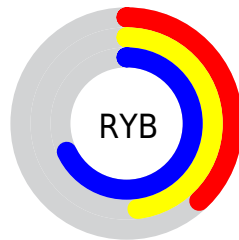
The Hex color **6288AE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AE8862**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **98BDE6**, and **2D5679** is the 20% darker color. If you saturate the color by 10%, you get **517FAE**, and if you desaturate by 10%, it is **7391AE**.

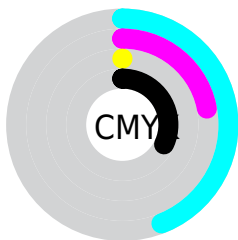
# Distribution



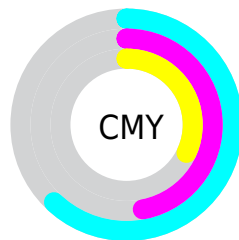
- Red (38%)
- Green (53%)
- Blue (68%)



- Red (38%)
- Yellow (48%)
- Blue (68%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (32%)



- Cyan (62%)
- Magenta (47%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6288AE 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 6288AE by changing the saturation by 10% instead.



■ 6288AE

■ 6288AE

FFFFFF

■ 486F93

■ 98BDE6

■ 2D5679

■ B3D9FF

■ 0D3F60

■ D0F5FF

■ 002A49

■ EDFFFF

■ 001532

■ 00021D

■ 000000

■ 6288AE

■ 6288AE

■ 517FAE

■ 7391AE

■ 3F77AE

■ 8599AE

■ 2E6EAE

■ 96A2AE

■ 1C65AE

■ A8ABAE

■ 0B5DAE

■ B9B3AE

■ 0057AE

■ CABCAE

■ DCC5AE

■ EDCEAE

■ FFD6AE

# Harmonies

## Analogous

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



488DA6



6288AE



8181AB

# Triad

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



6288AE



AF7675



6A8D6B

# Complementary

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



6288AE



AE8862

# 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.



83885D



6288AE



A87A64

# Square

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



6288AE



AB758A



98815B



52907F

# Rectangle

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



6288AE



937CA3



98815B



728C65



# Sweetspot

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



6288AE



C5D4E3



62AE88



606A73



F2F2F2



737373



# Same Dimension

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



6288AE



6DA8E3



6262AE



4E5257



004B96



000B17



# Inverse Universe

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



AE6288



E36DA8



AEAE62



574E52



96004B

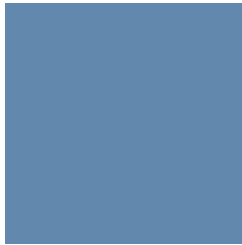


17000B



# Previews

## White Background



This preview shows how the Hex color 6288AE looks on a white background.

## Color Contrast Check

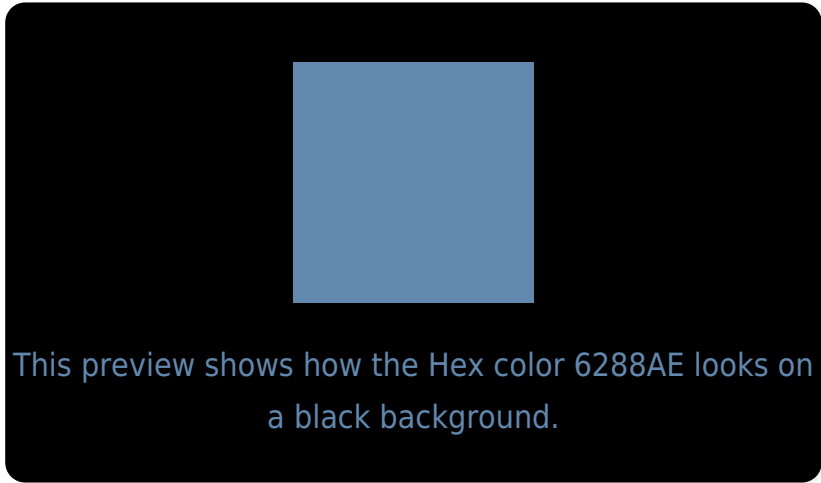
Large Text (above 18pt) WCAG AA ✓ Pass

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

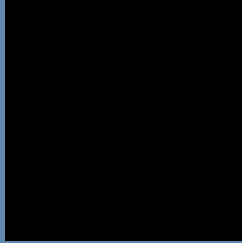
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

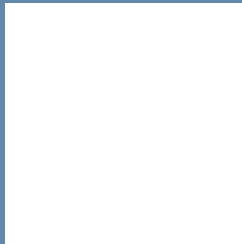
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6288AE Background



This preview shows how black text looks on a background with the Hex color 6288AE.

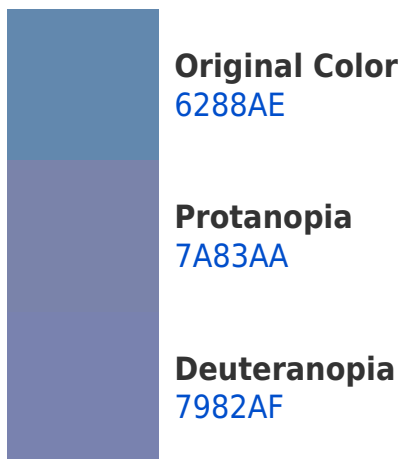


This preview shows how white text looks on a background with the Hex color 6288AE.

# 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](#).

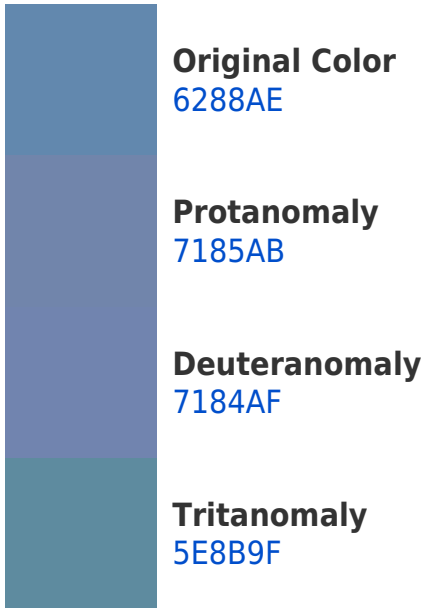
## Dichromacy





**Tritanopia**  
5C8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6288AE 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 #6288AE looks like.

```
.text, #text, p{  
    color:#6288AE  
}
```

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 #6288AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6288AE
}
```

## Border

The CSS property to change the border of an element to Hex 6288AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

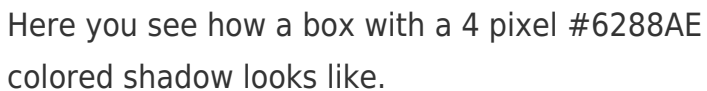
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6288AE }
```

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

```
.border{ border-color:#6288AE }
```

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



Here you see how a box with a 4 pixel #6288AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6288AE; -webkit-box-shadow:4px 4px  
4px 4px #6288AE; box-shadow:4px 4px 4px  
4px #6288AE }
```

# Background

The CSS property to change the background color of an element to Hex 6288AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6288AE }
```

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

```
.background{ background-color:#6288AE }
```

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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