

Converting Colors

Hex(60AA8A)

Have a look what the booklet for
Hex(60AA8A) contains.

Hex(60AA8A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(60AA8A)

Conversions

Conversions Part 1

Format	Color
Hex	60AA8A
RGB	96, 170, 138
RGB Percent	38%, 67%, 54%
CMY	0.6235, 0.3333, 0.4588
CMYK	0.44, 0.00, 0.19, 0.33
HSL	154°, 30%, 52%
HSV	154°, 44%, 67%
XYZ	23.7860, 33.0712, 29.1745
YIQ	144.2260, -33.8320, -25.6400

Conversions

Conversions Part 2

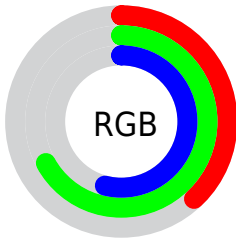
Format	Color
RYB	96, 143, 170
Decimal	6335114
CIELab	64.22, -30.68, 9.37
CIELCh	64, 32.081, 163.016
Yxy	33.0712, 0.2765, 0.3844
Android (android.graphics.Color)	4284525194 (0xFF60AA8A)
YUV	144.2260, -3.0694, -42.2942
Hunter-Lab	57.5076, -26.8079, 10.1766

Details

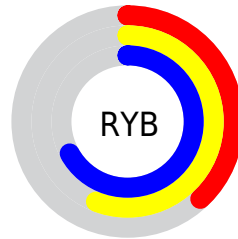
The Hex color **60AA8A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA6080**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **96E2BF**, and **2A7558** is the 20% darker color. If you saturate the color by 10%, you get **4FAA83**, and if you desaturate by 10%, it is **71AA91**.

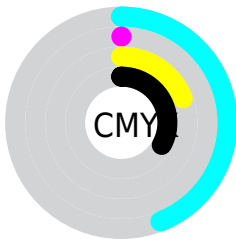
Distribution



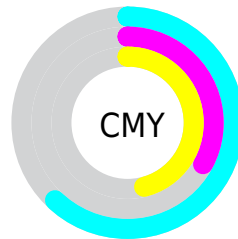
- Red (38%)
- Green (67%)
- Blue (54%)



- Red (38%)
- Yellow (56%)
- Blue (67%)



- Cyan (44%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60AA8A 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 60AA8A by changing the saturation by 10% instead.

 60AA8A

 60AA8A

FFFFFF

 458F71

 96E2BF

 2A7558

 B2FFDB

 075C41

 CEFFF8

 00442B

 EBFFF8

 002D16

 001700

 000000

 60AA8A

 60AA8A

 4FAA83

 71AA91

 3EAA7B

 82AA99

 2DAA74

 93AAA0

 1CAA6D

 A4AAA7

 0BAA65

 B5AAAF

 00AA60

 C6AAB6

 D7AABD

 E8AAC5

 F9AACC

Harmonies

Analogous

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



83A571



60AA8A



3FABA8

Triad

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



60AA8A



889AD3



CF8B76

Complementary

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



60AA8A



AA6080

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.



D48690



60AA8A



AF90C6

Square

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



60AA8A



5AA3D2



CA88AD



BD9465

Rectangle

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



60AA8A



34AABA



CA88AD



D2897E

Sweetspot

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



60AA8A



C1DED1



80AA60



5E7068



F0F0F0



707070

Same Dimension

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



60AA8A



6ADEAC



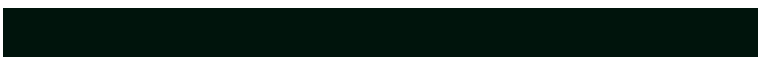
60A5AA



4C5451



009454



00140C

Inverse Universe

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



AA6080



DE6A9C



AA6560



544C4F



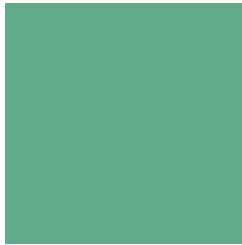
940040



140009

Previews

White Background



This preview shows how the Hex color 60AA8A looks on a white background.

Color Contrast Check

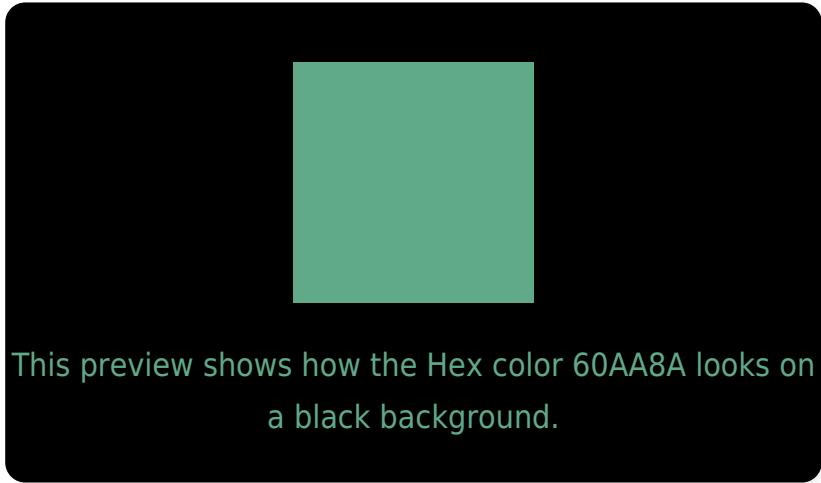
Large Text (above 18pt) WCAG AA × Fail

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

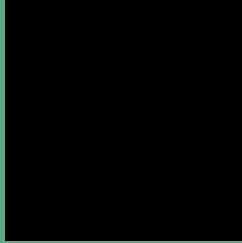
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 60AA8A Background



This preview shows how black text looks on a background with the Hex color 60AA8A.

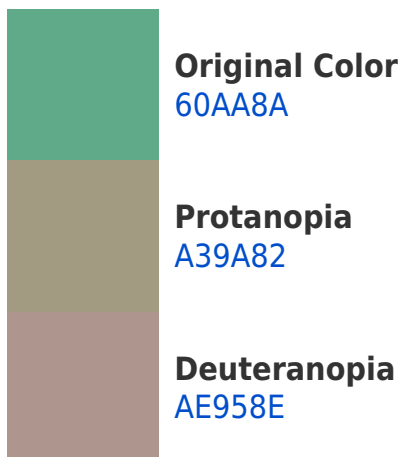


This preview shows how white text looks on a background with the Hex color 60AA8A.

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](#).

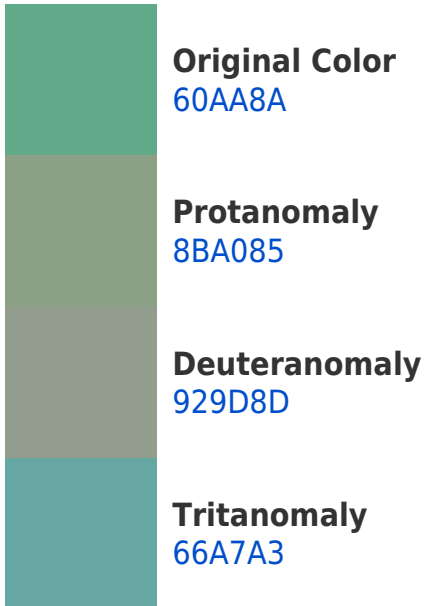
Dichromacy





Tritanopia
6AA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60AA8A 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 #60AA8A looks like.

```
.text, #text, p{  
    color:#60AA8A  
}
```

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 #60AA8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AA8A
}
```

Border

The CSS property to change the border of an element to Hex 60AA8A 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
#60AA8A }
```

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

```
.border{ border-color:#60AA8A }
```

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

Here you see how a box with a 4 pixel #60AA8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AA8A; -webkit-box-shadow:4px 4px  
4px 4px #60AA8A; box-shadow:4px 4px 4px  
4px #60AA8A }
```

Background

The CSS property to change the background color of an element to Hex 60AA8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AA8A }
```

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

```
.background{ background-color:#60AA8A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor