

Converting Colors

Hex(60AA91)

Have a look what the booklet for
Hex(60AA91) contains.

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Color

Hex(60AA91)

Conversions

Conversions Part 1

Format	Color
Hex	60AA91
RGB	96, 170, 145
RGB Percent	38%, 67%, 57%
CMY	0.6235, 0.3333, 0.4314
CMYK	0.44, 0.00, 0.15, 0.33
HSL	160°, 30%, 52%
HSV	160°, 44%, 67%
XYZ	24.3094, 33.2806, 31.9306
YIQ	145.0240, -36.0790, -23.4630

Conversions

Conversions Part 2

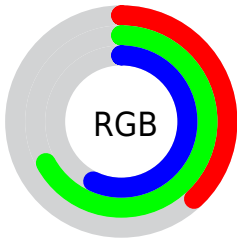
Format	Color
RYB	96, 141, 170
Decimal	6335121
CIELab	64.39, -29.12, 5.72
CIElCh	64, 29.673, 168.879
Yxy	33.2806, 0.2716, 0.3718
Android (android.graphics.Color)	4284525201 (0xFF60AA91)
YUV	145.0240, -0.0118, -42.9940
Hunter-Lab	57.6893, -25.7390, 7.5659

Details

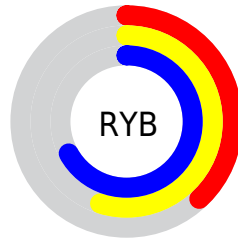
The Hex color **60AA91** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA6079**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **96E2C7**, and **2A755F** is the 20% darker color. If you saturate the color by 10%, you get **4FAA8B**, and if you desaturate by 10%, it is **71AA97**.

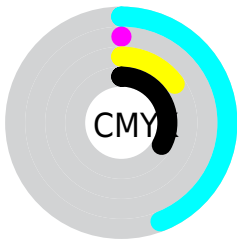
Distribution



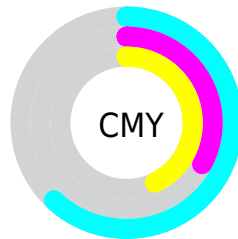
- Red (38%)
- Green (67%)
- Blue (57%)



- Red (38%)
- Yellow (55%)
- Blue (67%)



- Cyan (44%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60AA91 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 60AA91 by changing the saturation by 10% instead.

 60AA91

 60AA91

FFFFFF

 458F77

 96E2C7

 2A755F

 B2FEE3

 055C47

 CEFFFF

 004431

 EBFFFF

 002D1C

 001801

 000000

 60AA91

 60AA91

 4FAA8B

 71AA97

■ 3EAA86

■ 82AA9C

■ 2DAA80

■ 93AAA2

■ 1CAA7A

■ A4AAA8

■ 0BAA74

■ B5AAAE

■ 00AA71

■ C6AAB3

■ D7AAB9

■ E8AABF

■ F9AAC5

Harmonies

Analogous

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



7FA678



60AA91



47ABAC

Triad

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



60AA91



9299CE



CA8E75

Complementary

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



60AA91



AA6079

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.



D1898C



60AA91



B490BF

Square

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



60AA91



6AA2D0



CA89A7



B79768

Rectangle

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



60AA91



44A9BC



CA89A7



CE8C7C

Sweetspot

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



60AA91



C1DED4



7AAA60



5E706A



F0F0F0



707070

Same Dimension

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



60AA91



6ADEB7



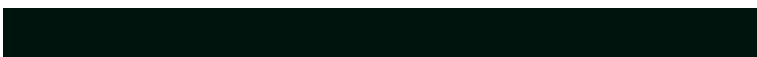
609FAA



4C5451



009462



00140E

Inverse Universe

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



AA6079



DE6A91



AA6B60



544C4F



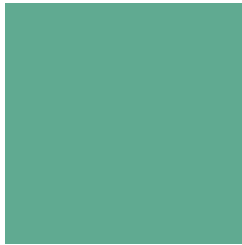
940032



140007

Previews

White Background



This preview shows how the Hex color 60AA91 looks on a white background.

Color Contrast Check

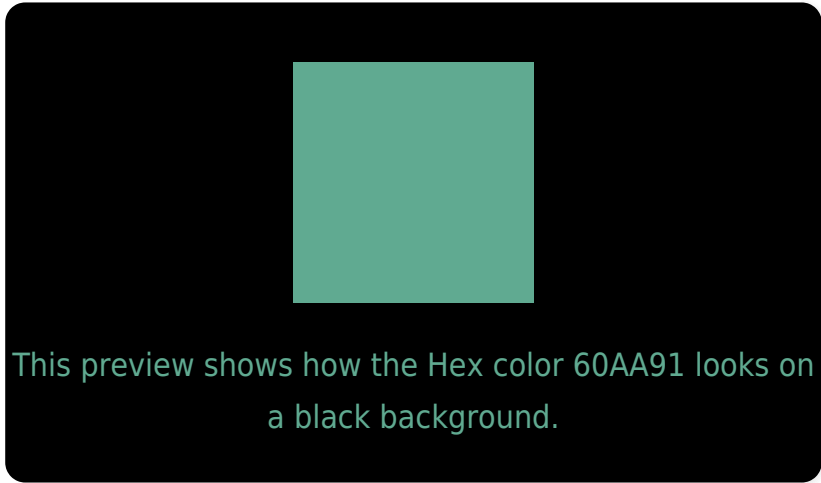
Large Text (above 18pt) WCAG AA × Fail

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

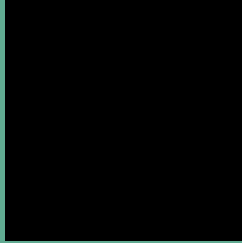
Any Text WCAG AA ✓ Pass

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 60AA91 Background



This preview shows how black text looks on a background with the Hex color 60AA91.

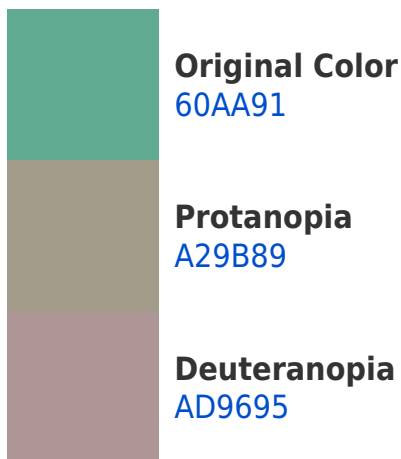


This preview shows how white text looks on a background with the Hex color 60AA91.

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](#).

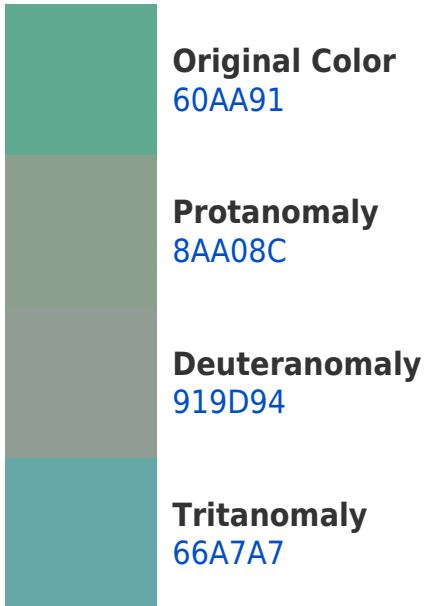
Dichromacy





Tritanopia
69A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60AA91 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 #60AA91 looks like.

```
.text, #text, p{  
    color:#60AA91  
}
```

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 #60AA91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AA91
}
```

Border

The CSS property to change the border of an element to Hex 60AA91 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
#60AA91 }
```

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

```
.border{ border-color:#60AA91 }
```

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

Here you see how a box with a 4 pixel #60AA91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AA91; -webkit-box-shadow:4px 4px  
4px 4px #60AA91; box-shadow:4px 4px 4px  
4px #60AA91 }
```

Background

The CSS property to change the background color of an element to Hex 60AA91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AA91 }
```

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

```
.background{ background-color:#60AA91 }
```

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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