

Converting Colors

Hex(61AE93)

Have a look what the booklet for
Hex(61AE93) contains.

Hex(61AE93)	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(61AE93)

Conversions

Conversions Part 1

Format	Color
Hex	61AE93
RGB	97, 174, 147
RGB Percent	38%, 68%, 58%
CMY	0.6196, 0.3176, 0.4235
CMYK	0.44, 0.00, 0.16, 0.32
HSL	159°, 32%, 53%
HSV	159°, 44%, 68%
XYZ	25.3323, 34.9201, 33.0089
YIQ	147.8990, -37.2250, -24.7210

Conversions

Conversions Part 2

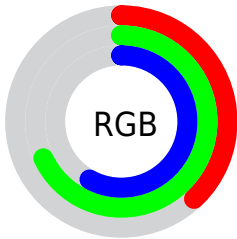
Format	Color
RYB	97, 144, 174
Decimal	6401683
CIELab	65.69, -30.32, 6.48
CIElCh	66, 31.010, 167.931
Yxy	34.9201, 0.2716, 0.3744
Android (android.graphics.Color)	4284591763 (0xFF61AE93)
YUV	147.8990, -0.4432, -44.6384
Hunter-Lab	59.0932, -26.8931, 8.2465

Details

The Hex color **61AE93** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE617C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **97E6C9**, and **2A7960** is the 20% darker color. If you saturate the color by 10%, you get **50AE8D**, and if you desaturate by 10%, it is **72AE99**.

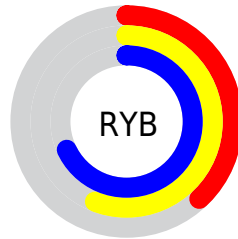
Distribution



Red (38%)

Green (68%)

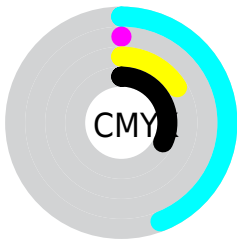
Blue (58%)



Red (38%)

Yellow (56%)

Blue (68%)

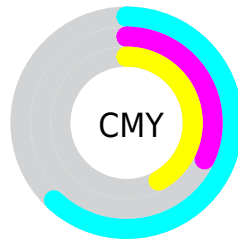


Cyan (44%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (62%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61AE93 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 61AE93 by changing the saturation by 10% instead.

 61AE93

 61AE93

FFFFFF

 469379

 97E6C9

 2A7960

 B3FFE5

 056049

 D0FFFF

 004832

 EDFFFF

 00301D

 001C04

 000000

 61AE93

 61AE93

 50AE8D

 72AE99

 3EAE87

 84AE9F

 2DAE81

 95AEA5

 1BAE7B

 A7AEAB

 0AAE74

 B8AEB2

 00AE71

 C9AEB8

 DBAEBE

 ECAEC4

 FEAECA

Harmonies

Analogous

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



82AA79



61AE93



45AFB0

Triad

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



61AE93



939CD4



D09177

Complementary

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



61AE93



AE617C

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.



D78B90



61AE93



B893C5

Square

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



61AE93



69A6D5



CF8CAC



BD9A69

Rectangle

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



61AE93



41ADC1



CF8CAC



D48E7F

Sweetspot

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



61AE93



C5E3D9



7DAE61



60736C



F2F2F2



737373

Same Dimension

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



61AE93



6BE3B9



61A4AE



4E5754



009662



00170F

Inverse Universe

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



AE617C



E36B95



AE6B61



574E51



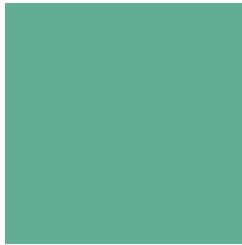
960035



170008

Previews

White Background



This preview shows how the Hex color 61AE93 looks on a white background.

Color Contrast Check

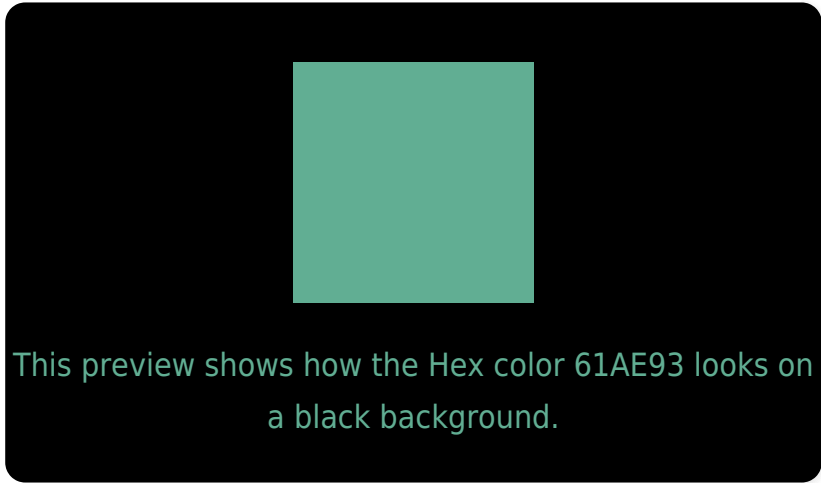
Large Text (above 18pt) WCAG AA × Fail

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

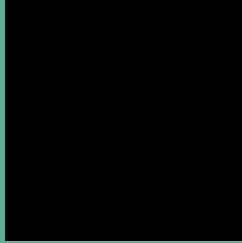
Any Text WCAG AA ✓ Pass

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 61AE93 Background



This preview shows how black text looks on a background with the Hex color 61AE93.

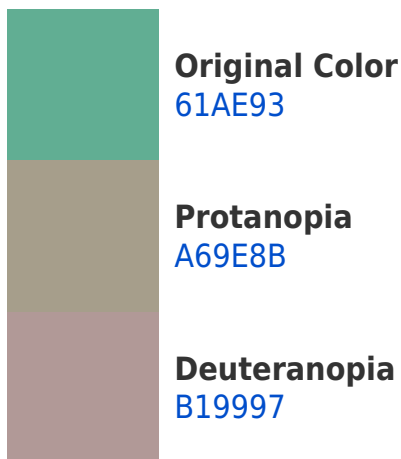


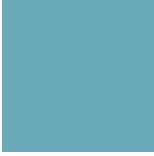
This preview shows how white text looks on a background with the Hex color 61AE93.

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](#).

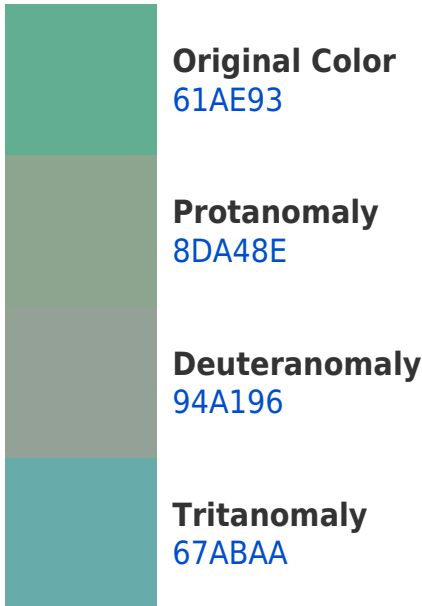
Dichromacy





Tritanopia
6AA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61AE93 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 #61AE93 looks like.

```
.text, #text, p{  
    color:#61AE93  
}
```

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 #61AE93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61AE93
}
```

Border

The CSS property to change the border of an element to Hex 61AE93 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
#61AE93 }
```

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

```
.border{ border-color:#61AE93 }
```

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

Here you see how a box with a 4 pixel #61AE93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61AE93; -webkit-box-shadow:4px 4px  
4px 4px #61AE93; box-shadow:4px 4px 4px  
4px #61AE93 }
```

Background

The CSS property to change the background color of an element to Hex 61AE93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61AE93 }
```

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

```
.background{ background-color:#61AE93 }
```

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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