

Converting Colors

Hex(64AE7D)

Have a look what the booklet for
Hex(64AE7D) contains.

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Color

Hex(64AE7D)

Conversions

Conversions Part 1

Format	Color
Hex	64AE7D
RGB	100, 174, 125
RGB Percent	39%, 68%, 49%
CMY	0.6078, 0.3176, 0.5098
CMYK	0.43, 0.00, 0.28, 0.32
HSL	140°, 31%, 54%
HSV	140°, 43%, 68%
XYZ	24.0933, 34.4621, 24.7840
YIQ	146.2880, -28.3750, -30.9270

Conversions

Conversions Part 2

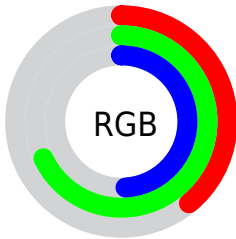
Format	Color
RYB	100, 155, 174
Decimal	6598269
CIELab	65.33, -34.11, 18.11
CIELCh	65, 38.619, 152.042
Yxy	34.4621, 0.2891, 0.4135
Android (android.graphics.Color)	4284788349 (0xFF64AE7D)
YUV	146.2880, -10.4950, -40.5946
Hunter-Lab	58.7044, -29.4734, 16.0618

Details

The Hex color **64AE7D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE6495**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9AE6B2**, and **2F794C** is the 20% darker color. If you saturate the color by 10%, you get **53AE71**, and if you desaturate by 10%, it is **75AE89**.

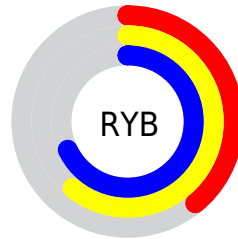
Distribution



Red (39%)

Green (68%)

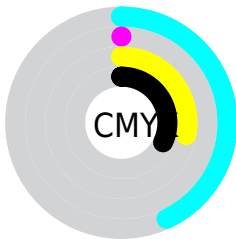
Blue (49%)



Red (39%)

Yellow (61%)

Blue (68%)

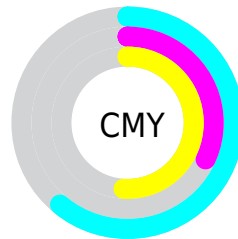


Cyan (43%)

Magenta (0%)

Yellow (28%)

Black (32%)



Cyan (61%)

Magenta (32%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64AE7D 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 64AE7D by changing the saturation by 10% instead.

 64AE7D

 64AE7D

FFFFFF

 499364

 9AE6B2

 2F794C

 B6FFCD

 0F6035

 D2FFEA

 00471F

 EFFFFFF

 003008

 001B00

 000000

 64AE7D

 64AE7D

 53AE71

 75AE89

 41AE66

 87AE94

 30AE5A

 98AEA0

 1EAE4F

 AAAEAB

 0DAE43

 BBAEB7

 00AE3B

 CCAEC2

 DEAECE

 EFAED9

 FFAEE5

Harmonies

Analogous

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



8EA763



64AE7D



2CB1A0

Triad

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



64AE7D



6EA1E3



DF877C

Complementary

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



64AE7D



AE6495

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.



DF839E



64AE7D



A595D9

Square

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



64AE7D



22ABDB



CC89C0



CF9162

Rectangle

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



64AE7D



00B1B7



CC89C0



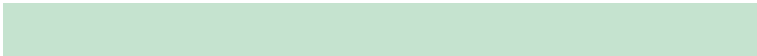
E18586

Sweetspot

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



64AE7D



C5E3CF



95AE64



607367



F2F2F2



737373

Same Dimension

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



64AE7D



6FE396



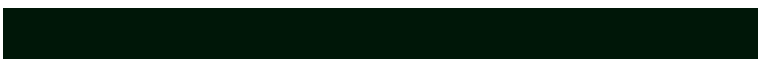
64AEA2



4E5751



009633



001708

Inverse Universe

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



AE6495



E36FBC



AE6470



574E54



960064



17000F

Previews

White Background



This preview shows how the Hex color 64AE7D looks on a white background.

Color Contrast Check

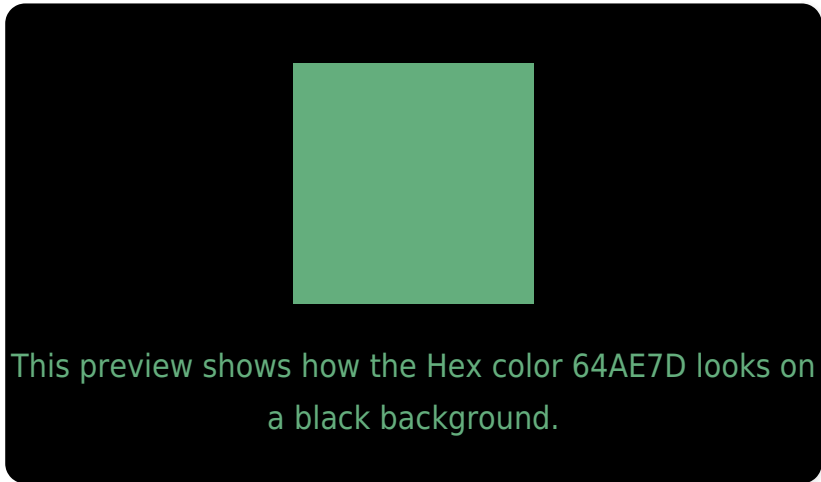
Large Text (above 18pt) WCAG AA × Fail

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 64AE7D Background



This preview shows how black text looks on a background with the Hex color 64AE7D.



This preview shows how white text looks on a background with the Hex color 64AE7D.

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](#).

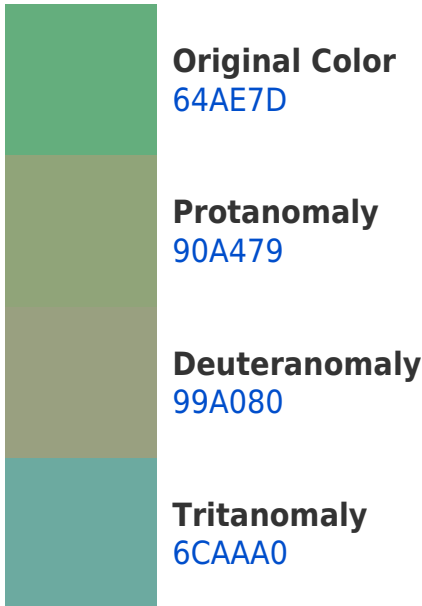
Dichromacy



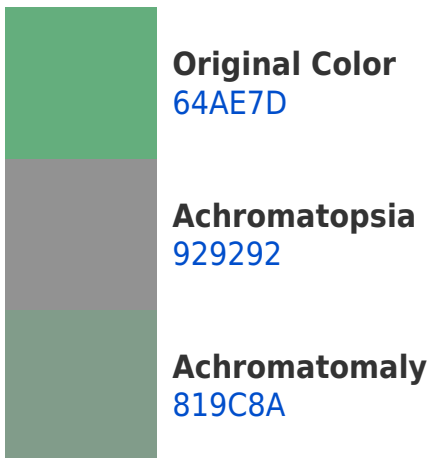


Tritanopia
71A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64AE7D 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 #64AE7D looks like.

```
.text, #text, p{  
    color:#64AE7D  
}
```

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 #64AE7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64AE7D }  
}
```

Border

The CSS property to change the border of an element to Hex 64AE7D 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 #64AE7D }  
}
```

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

```
.border{ border-color:#64AE7D }
```

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

Here you see how a box with a 4 pixel #64AE7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64AE7D; -webkit-box-shadow:4px 4px  
4px 4px #64AE7D; box-shadow:4px 4px 4px  
4px #64AE7D }
```

Background

The CSS property to change the background color of an element to Hex 64AE7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64AE7D }
```

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

```
.background{ background-color:#64AE7D }
```

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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