

Converting Colors

Hex(64AB6A)

Have a look what the booklet for
Hex(64AB6A) contains.

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Color

Hex(64AB6A)

Conversions

Conversions Part 1

Format	Color
Hex	64AB6A
RGB	100, 171, 106
RGB Percent	39%, 67%, 42%
CMY	0.6078, 0.3294, 0.5843
CMYK	0.42, 0.00, 0.38, 0.33
HSL	125°, 30%, 53%
HSV	125°, 42%, 67%
XYZ	22.4200, 32.8758, 18.7997
YIQ	142.3610, -21.4510, -35.2670

Conversions

Conversions Part 2

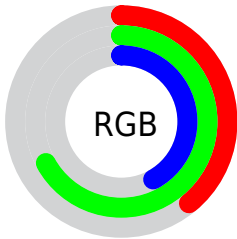
Format	Color
RYB	100, 165, 171
Decimal	6597482
CIELab	64.06, -36.15, 26.67
CIELCh	64, 44.922, 143.585
Yxy	32.8758, 0.3026, 0.4437
Android (android.graphics.Color)	4284787562 (0xFF64AB6A)
YUV	142.3610, -17.9260, -37.1506
Hunter-Lab	57.3374, -30.5437, 20.6963

Details

The Hex color **64AB6A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB64A5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9AE39E**, and **2F763A** is the 20% darker color. If you saturate the color by 10%, you get **53AB5A**, and if you desaturate by 10%, it is **75AB7A**.

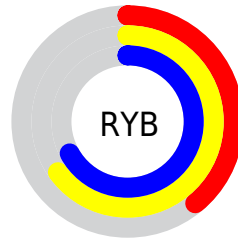
Distribution



Red (39%)

Green (67%)

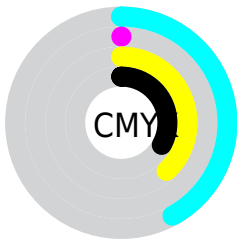
Blue (42%)



Red (39%)

Yellow (65%)

Blue (67%)

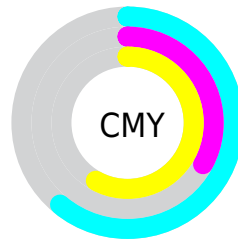


Cyan (42%)

Magenta (0%)

Yellow (38%)

Black (33%)



Cyan (61%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64AB6A 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 64AB6A by changing the saturation by 10% instead.

 64AB6A

 64AB6A

FFFFFF

 4A9051

 9AE39E

 2F763A

 B6FFB9

 0F5D23

 D2FFD5

 00450C

 EFFFF1

 002E00

 001700

 000000

 64AB6A

 64AB6A

 53AB5A

 75AB7A

 42AB4B

 86AB89

 31AB3B

 97AB99

 20AB2B

 A8ABA9

 0EAB1C

 B9ABB8

 00AB0E

 CBABC8

 DCABD8

 EDABE7

 FEABF7

Harmonies

Analogous

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



94A34F



64AB6A



0BAF91

Triad

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



64AB6A



3FA2EA



E77C7D

Complementary

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



64AB6A



AB64A5

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.



E17BA6



64AB6A



9194E5

Square

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



64AB6A



00ABDB



C585CB



D8875C

Rectangle

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



64AB6A



00B0AD



C585CB



E77A8A

Sweetspot

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



64AB6A



C3DEC5



A5AB64



607062



F0F0F0



707070

Same Dimension

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



64AB6A



6FDE78



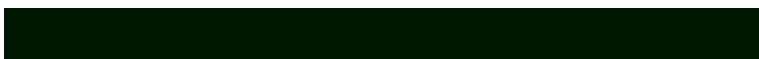
64AB8D



4E574F



00960D



001702

Inverse Universe

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



AB64A5



DE6FD4



AB6482



574E56



96008A



170015

Previews

White Background



This preview shows how the Hex color 64AB6A looks on a white background.

Color Contrast Check

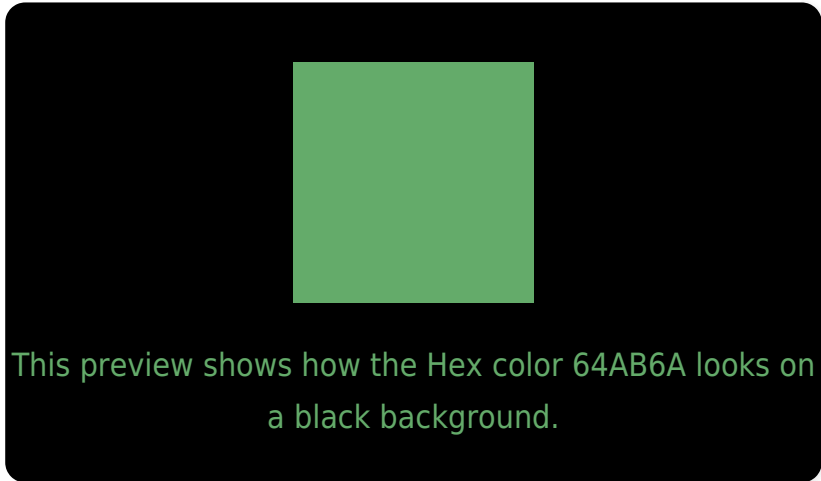
Large Text (above 18pt) WCAG AA × Fail

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

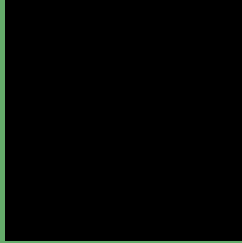
Any Text WCAG AA ✓ Pass

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 64AB6A Background



This preview shows how black text looks on a background with the Hex color 64AB6A.

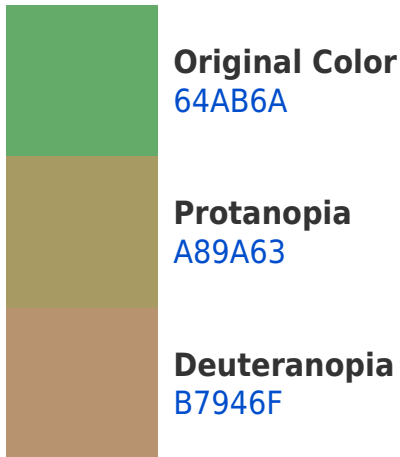


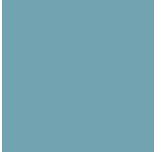
This preview shows how white text looks on a background with the Hex color 64AB6A.

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](#).

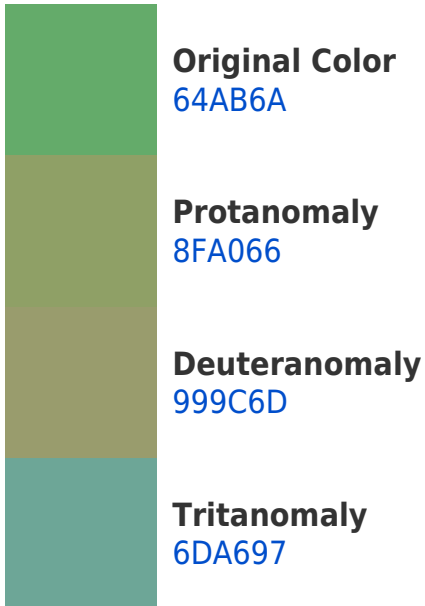
Dichromacy



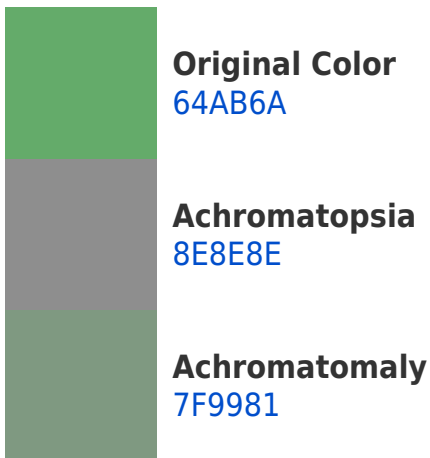


Tritanopia
72A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64AB6A 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 #64AB6A looks like.

```
.text, #text, p{  
    color:#64AB6A  
}
```

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 #64AB6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64AB6A
}
```

Border

The CSS property to change the border of an element to Hex 64AB6A 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
#64AB6A }
```

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

```
.border{ border-color:#64AB6A }
```

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

Here you see how a box with a 4 pixel #64AB6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64AB6A; -webkit-box-shadow:4px 4px  
4px 4px #64AB6A; box-shadow:4px 4px 4px  
4px #64AB6A }
```

Background

The CSS property to change the background color of an element to Hex 64AB6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64AB6A }
```

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

```
.background{ background-color:#64AB6A }
```

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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