

Converting Colors

Hex(64ABAB)

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

| | |
|--|----|
| Hex(64ABAB) | 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(64ABAB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 64ABAB |
| RGB | 100, 171, 171 |
| RGB Percent | 39%, 67%, 67% |
| CMY | 0.6078, 0.3294, 0.3294 |
| CMYK | 0.42, 0.00, 0.00, 0.33 |
| HSL | 180°, 30%, 53% |
| HSV | 180°, 42%, 67% |
| XYZ | 27.1691, 34.7754, 43.8084 |
| YIQ | 149.7710, -42.3160, -15.0520 |

Conversions

Conversions Part 2

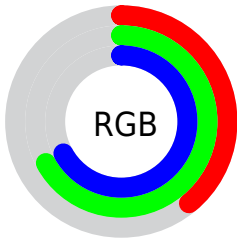
| Format | Color |
|-------------------------------------|--|
| RYB | 100, 136, 171 |
| Decimal | 6597547 |
| CIELab | 65.57, -22.24, -7.00 |
| CIELCh | 66, 23.318, 197.482 |
| Yxy | 34.7754, 0.2569, 0.3288 |
| Android (android.graphics.Color) | 4284787627 (0xFF64ABAB) |
| YUV | 149.7710, 10.4659, -43.6492 |
| Hunter-Lab | 58.9707, -20.9597, -2.7662 |

Details

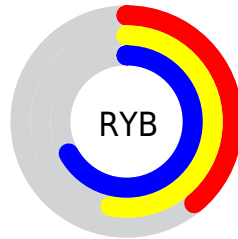
The Hex color **64ABAB** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AB6464**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9BE3E2**, and **2D7677** is the 20% darker color. If you saturate the color by 10%, you get **53ABAB**, and if you desaturate by 10%, it is **75ABAB**.

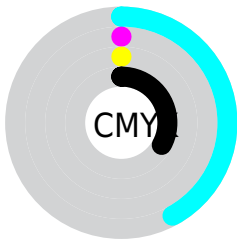
Distribution



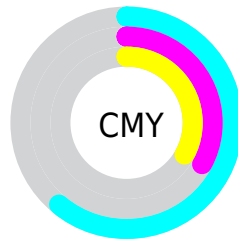
- Red (39%)
- Green (67%)
- Blue (67%)



- Red (39%)
- Yellow (53%)
- Blue (67%)



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (61%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

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

64ABAB

64ABAB

FFFFFF

499091

9BE3E2

2D7677

B7FFFF

085E5E

D3FFFF

004647

F0FFFF

002F30

001C1B

000000

64ABAB

64ABAB

53ABAB

75ABAB

42ABAB

86ABAB

31ABAB

97ABAB

20ABAB

A8ABAB

0EABAB

B9ABAB

00ABAB

CBABAB

DCABAB

EDABAB

FEABAB

Harmonies

Analogous

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



73AA95



64ABAB



66A9BD

Triad

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



64ABAB



B196BC



B79B77

Complementary

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



64ABAB



AB6464

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.



C59481



64ABAB



C391A9

Square

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



64ABAB



979DC7



CA9094



A2A277

Rectangle

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



64ABAB



72A6C5



CA9094



BC9979

Sweetspot

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



64ABAB



C3DEDE



64AB64



607070



F0F0F0



707070

Same Dimension

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



64ABAB



6FDEDE



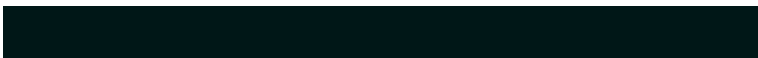
6487AB



4E5757



009696



001717

Inverse Universe

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



AB64AB



DE6FDE



AB8764



574E57



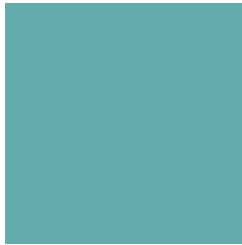
960096



170017

Previews

White Background



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

Color Contrast Check

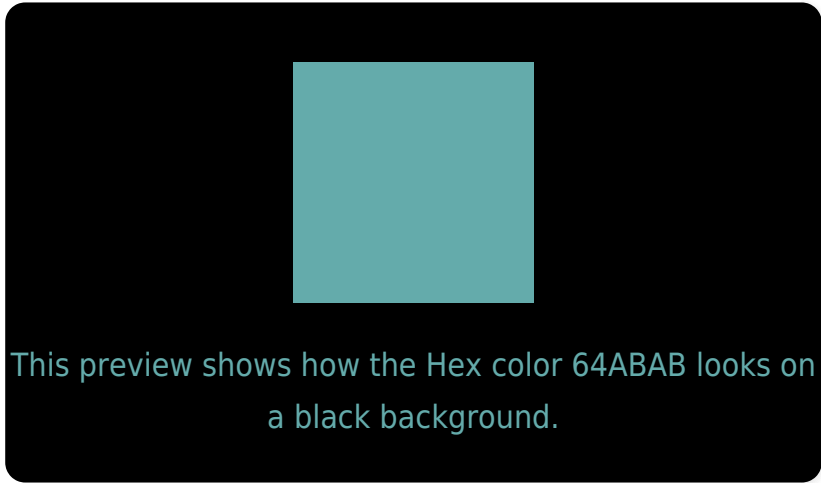
Large Text (above 18pt) WCAG AA × Fail

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 64ABAB Background



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

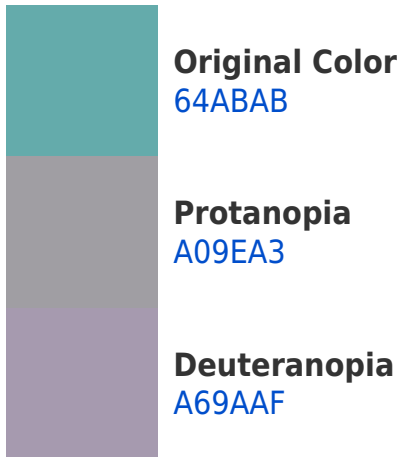


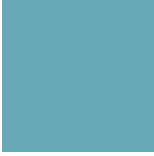
This preview shows how white text looks on a background with the Hex color 64ABAB.

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](#).

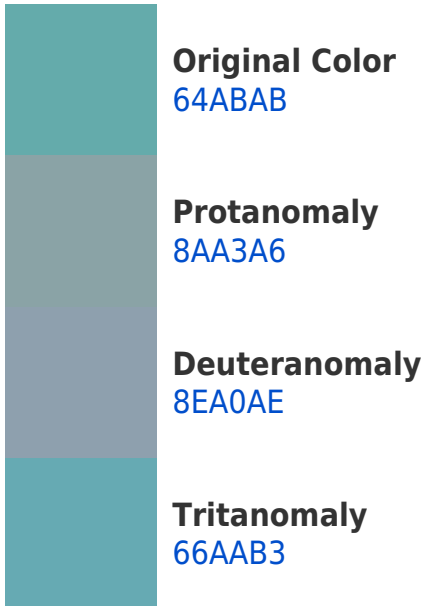
Dichromacy



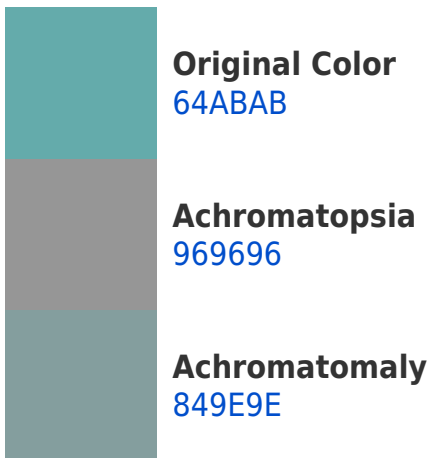


Tritanopia
67A9B7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #64ABAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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