

Converting Colors

Hex(64A1BE)

Have a look what the booklet for
Hex(64A1BE) contains.

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Color

Hex(64A1BE)

Conversions

Conversions Part 1

Format	Color
Hex	64A1BE
RGB	100, 161, 190
RGB Percent	39%, 63%, 75%
CMY	0.6078, 0.3686, 0.2549
CMYK	0.47, 0.15, 0.00, 0.25
HSL	199°, 41%, 57%
HSV	199°, 47%, 75%
XYZ	27.2947, 31.9168, 53.4372
YIQ	146.0670, -45.6650, -3.9130

Conversions

Conversions Part 2

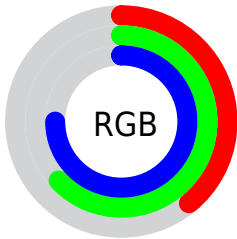
Format	Color
RYB	100, 136, 190
Decimal	6595006
CIELab	63.27, -11.82, -21.08
CIELCh	63, 24.168, 240.712
Yxy	31.9168, 0.2423, 0.2833
Android (android.graphics.Color)	4284785086 (0xFF64A1BE)
YUV	146.0670, 21.6590, -40.4008
Hunter-Lab	56.4949, -12.6266, -16.5345

Details

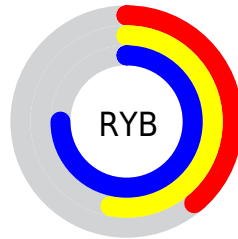
The Hex color **64A1BE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BE8164**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9BD8F6**, and **2B6D89** is the 20% darker color. If you saturate the color by 10%, you get **519BBE**, and if you desaturate by 10%, it is **77A7BE**.

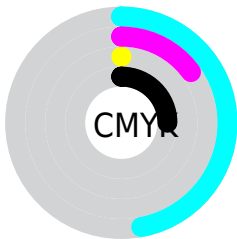
Distribution



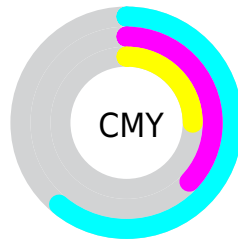
- Red (39%)
- Green (63%)
- Blue (75%)



- Red (39%)
- Yellow (53%)
- Blue (75%)



- Cyan (47%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A1BE 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 64A1BE by changing the saturation by 10% instead.

■ 64A1BE

■ 64A1BE

FFFFFF

■ 4887A3

■ 9BD8F6

■ 2B6D89

■ B8F4FF

■ 00556F

■ D4FFFF

■ 003E57

■ F2FFFF

■ 00283F

■ 001429

■ 000114

■ 000000

■ 64A1BE

■ 64A1BE

519BBE

77A7BE

3E95BE

8AADB6

2B8FBE

9DB3BE

1889BE

B0B9BE

0582BE

C3C0BE

0081BE

D6C6BE

E9CCBE

FCD2BE

FFD8BE

Harmonies

Analogous

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



59A5AE



64A1BE



7F9BC4

Triad

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



64A1BE



C38A99



919E74

Complementary

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



64A1BE



BE8164

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.



A8986E



64A1BE



C48B84

Square

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



64A1BE



B58DAF



BA9174



78A384

Rectangle

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



64A1BE



9396C1



BA9174



999C71

Sweetspot

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



64A1BE



D5ECF7



64BE81



68767D



FCFCFC



7D7D7D

Same Dimension

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



64A1BE



6ACAF7



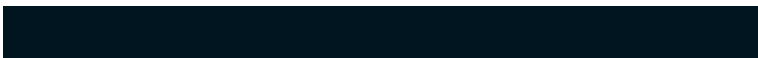
6475BE



555B5E



006B9E



00151F

Inverse Universe

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



BE64A1



F76ACA



BEAE64



5E555B



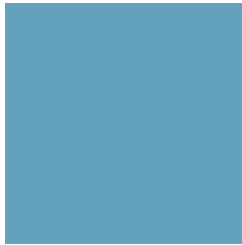
9E006B



1F0015

Previews

White Background



This preview shows how the Hex color 64A1BE looks on a white background.

Color Contrast Check

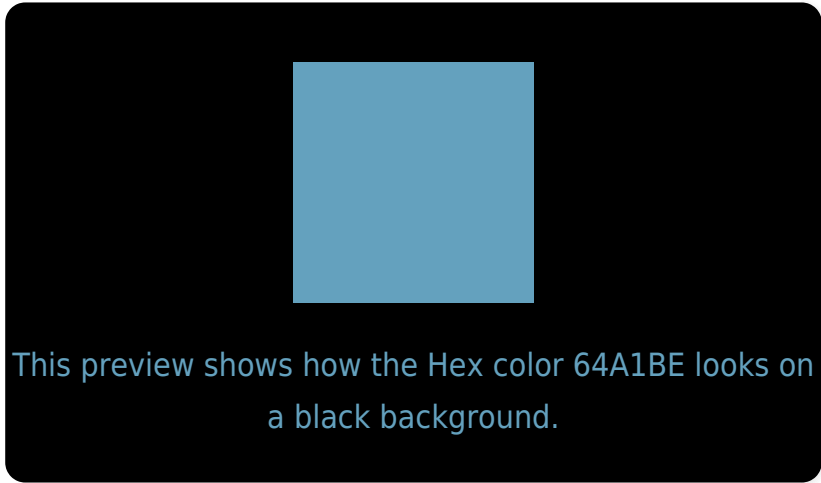
Large Text (above 18pt) WCAG AA × Fail

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

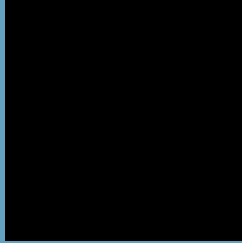
Any Text WCAG AA ✓ Pass

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 64A1BE Background



This preview shows how black text looks on a background with the Hex color 64A1BE.



This preview shows how white text looks on a background with the Hex color 64A1BE.

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](#).

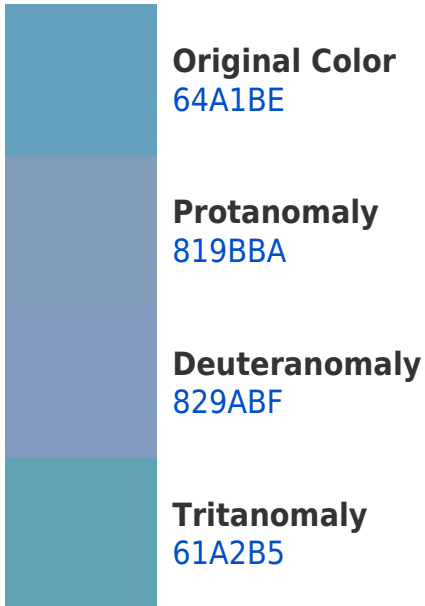
Dichromacy



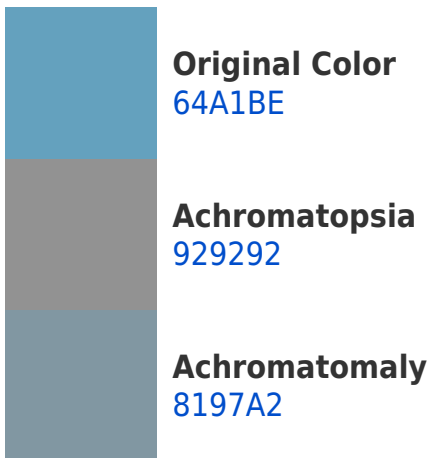


Tritanopia
60A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A1BE 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 #64A1BE looks like.

```
.text, #text, p{  
    color:#64A1BE  
}
```

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 #64A1BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A1BE
}
```

Border

The CSS property to change the border of an element to Hex 64A1BE 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
#64A1BE }
```

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

```
.border{ border-color:#64A1BE }
```

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

Here you see how a box with a 4 pixel #64A1BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A1BE; -webkit-box-shadow:4px 4px  
4px 4px #64A1BE; box-shadow:4px 4px 4px  
4px #64A1BE }
```

Background

The CSS property to change the background color of an element to Hex 64A1BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A1BE }
```

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

```
.background{ background-color:#64A1BE }
```

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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