

# Converting Colors

Hex(64A2A6)

Have a look what the booklet for  
Hex(64A2A6) contains.

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**Color**

**Hex(64A2A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64A2A6
RGB	100, 162, 166
RGB Percent	39%, 64%, 65%
CMY	0.6078, 0.3647, 0.3490
CMYK	0.40, 0.02, 0.00, 0.35
HSL	184°, 27%, 52%
HSV	184°, 40%, 65%
XYZ	25.0588, 31.3032, 40.7978
YIQ	143.9180, -38.2360, -11.9000

# Conversions

## Conversions Part 2

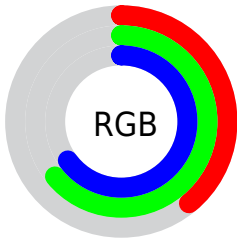
Format	Color
<a href="#">RYB</a>	<a href="#">100, 132, 166</a>
Decimal	<a href="#">6595238</a>
CIELab	<a href="#">62.76, -18.88, -8.39</a>
CIELCh	<a href="#">63, 20.663, 203.949</a>
Yxy	<a href="#">31.3032, 0.2579, 0.3222</a>
Android (android.graphics.Color)	<a href="#">4284785318</a> ( <a href="#">0xFF64A2A6</a> )
YUV	<a href="#">143.9180, 10.8864, -38.5161</a>
Hunter-Lab	<a href="#">55.9492, -17.9638, -4.0694</a>

# Details

The Hex color **64A2A6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A66864**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9AD9DD**, and **2F6E72** is the 20% darker color. If you saturate the color by 10%, you get **53A1A6**, and if you desaturate by 10%, it is **75A3A6**.

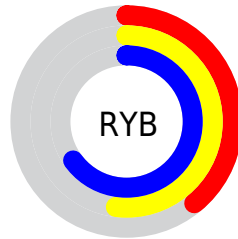
# Distribution



Red (39%)

Green (64%)

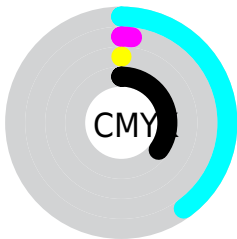
Blue (65%)



Red (39%)

Yellow (52%)

Blue (65%)

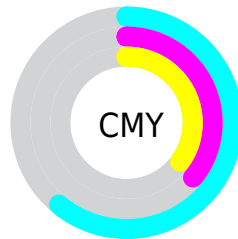


Cyan (40%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (36%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64A2A6 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 64A2A6 by changing the saturation by 10% instead.





64A2A6



64A2A6

FFFFFF



4A888C



9AD9DD



2F6E72



B6F6FA



0F565A



D2FFFF



003E42



EFFFFFF



00282C



001218



000000



64A2A6



64A2A6



53A1A6



75A3A6

43A0A6

85A4A6

329FA6

96A5A6

229EA6

A6A6A6

119DA6

B7A7A6

009CA6

C8A8A6

D8A9A6

E9AAA6

F9ABA6

# Harmonies

## Analogous

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



6EA293



64A2A6



699FB5

# Triad

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



64A2A6



AC8EAE



A99574

# Complementary

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



64A2A6



A66864

# 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.



B78F7B



64A2A6



BA8B9C

# Square

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



64A2A6



9694B9



BE8B8A



969B76

# Rectangle

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



64A2A6



759CBB



BE8B8A



AF9375



# Sweetspot

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



64A2A6



BFD7D9



64A667



5E6D6E



EDEDED



6E6E6E



# Same Dimension

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



64A2A6



71D2D9



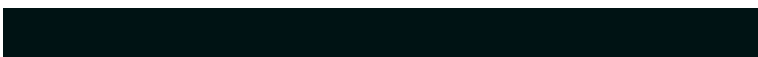
6482A6



4C5454



008B94



001314



# Inverse Universe

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



A664A2



D971D2



A68864



544C54



94008B

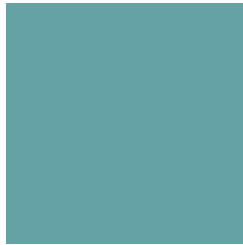


140013



# Previews

## White Background



This preview shows how the Hex color 64A2A6 looks on a white background.

## Color Contrast Check

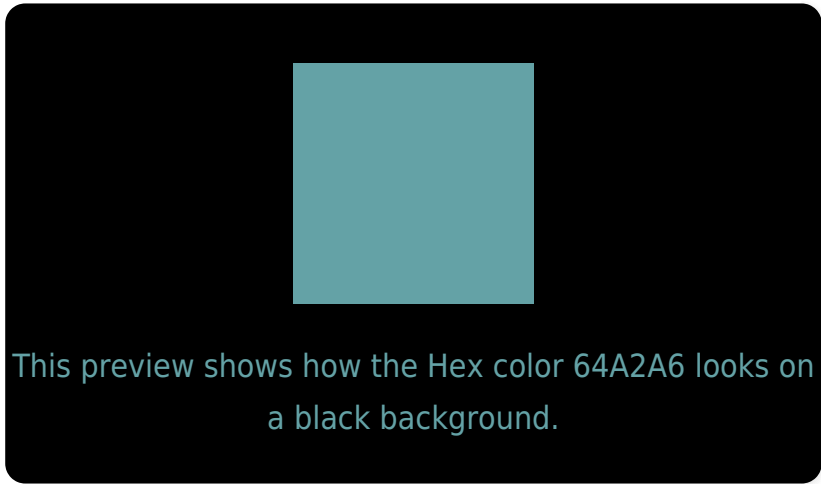
Large Text (above 18pt) WCAG AA × Fail

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

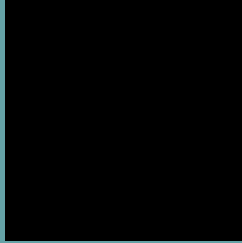
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

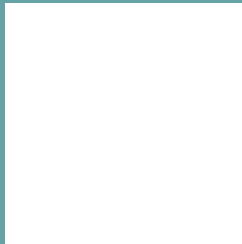
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64A2A6 Background



This preview shows how black text looks on a background with the Hex color 64A2A6.

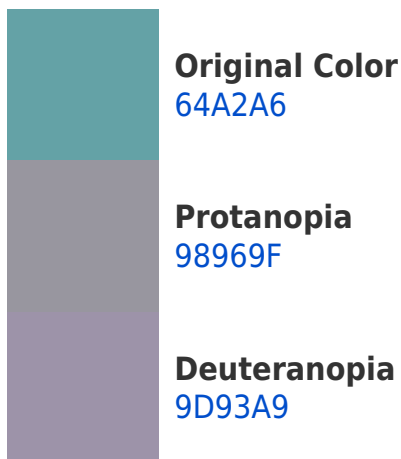


This preview shows how white text looks on a background with the Hex color 64A2A6.

# 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**  
66A1AE

# Trichromacy



**Original Color**  
64A2A6

**Protanomaly**  
859AA2

**Deuteranomaly**  
8898A8

**Tritanomaly**  
65A1AB

# Monochromacy



**Original Color**  
64A2A6

**Achromatopsia**  
909090

**Achromatomaly**  
809798

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64A2A6 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 #64A2A6 looks like.

```
.text, #text, p{  
    color:#64A2A6  
}
```

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 #64A2A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A2A6
}
```

## Border

The CSS property to change the border of an element to Hex 64A2A6 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
#64A2A6 }
```

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

```
.border{ border-color:#64A2A6 }
```

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

Here you see how a box with a 4 pixel #64A2A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A2A6; -webkit-box-shadow:4px 4px  
4px 4px #64A2A6; box-shadow:4px 4px 4px  
4px #64A2A6 }
```

# Background

The CSS property to change the background color of an element to Hex 64A2A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A2A6 }
```

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

```
.background{ background-color:#64A2A6 }
```

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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