

# Converting Colors

Hex(6DA6B2)

Have a look what the booklet for  
Hex(6DA6B2) contains.

<b>Hex(6DA6B2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6DA6B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DA6B2
RGB	109, 166, 178
RGB Percent	43%, 65%, 70%
CMY	0.5725, 0.3490, 0.3020
CMYK	0.39, 0.07, 0.00, 0.30
HSL	190°, 31%, 56%
HSV	190°, 39%, 70%
XYZ	27.9788, 33.7380, 47.1569
YIQ	150.3250, -37.8240, -8.3520

# Conversions

## Conversions Part 2

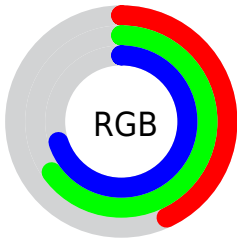
Format	Color
<a href="#">RYB</a>	<a href="#">109, 140, 178</a>
Decimal	<a href="#">7186098</a>
CIELab	<a href="#">64.75, -15.47, -12.09</a>
CIELCh	<a href="#">65, 19.632, 218.003</a>
Yxy	<a href="#">33.7380, 0.2570, 0.3099</a>
Android (android.graphics.Color)	<a href="#">4285376178 (0xFF6DA6B2)</a>
YUV	<a href="#">150.3250, 13.6438, -36.2420</a>
Hunter-Lab	<a href="#">58.0844, -15.6658, -7.4766</a>

# Details

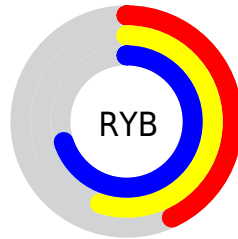
The Hex color **6DA6B2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B2796D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A3DDEA**, and **38727D** is the 20% darker color. If you saturate the color by 10%, you get **5BA3B2**, and if you desaturate by 10%, it is **7FA9B2**.

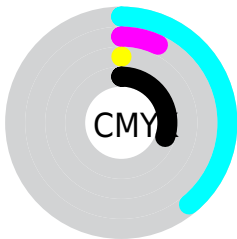
# Distribution



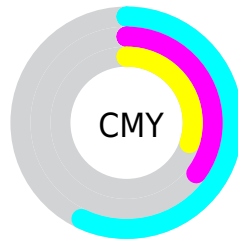
- Red (43%)
- Green (65%)
- Blue (70%)



- Red (43%)
- Yellow (55%)
- Blue (70%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (57%)
- Magenta (35%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DA6B2 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 6DA6B2 by changing the saturation by 10% instead.





6DA6B2



6DA6B2

FFFFFF



538C97



A3DDEA



38727D



BFFAFF



1B5964



DCFFFF



00424D



F9FFFF



002C36



001820



000007



000000



6DA6B2



6DA6B2

5BA3B2

7FA9B2

49A0B2

91ACB2

389DB2

A2AFB2

269AB2

B4B2B2

1497B2

C6B5B2

0293B2

D8B9B2

0093B2

EABCB2

FBBFB2

FFC2B2

# Harmonies

## Analogous

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



70A7A1



6DA6B2



79A2BD

# Triad

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



6DA6B2



B892AB



A69D7A

# Complementary

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



6DA6B2



B2796D

# 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.



B6987D



6DA6B2



C19199

# Square

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



6DA6B2



A697B9



C09388



92A381

# Rectangle

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



6DA6B2



879FC0



C09388



AC9B7A



# Sweetspot

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



6DA6B2



CCE3E8



6DB278



657275



F5F5F5



757575



# Same Dimension

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



6DA6B2



7BD5E8



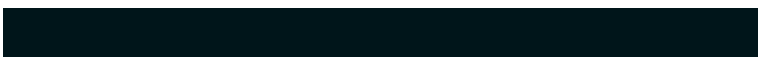
6D84B2



505859



007E99



00151A



# Inverse Universe

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



B26DA6



E87BD5



B29B6D



595058



99007E



1A0015



# Previews

## White Background



This preview shows how the Hex color 6DA6B2 looks on a white background.

## Color Contrast Check

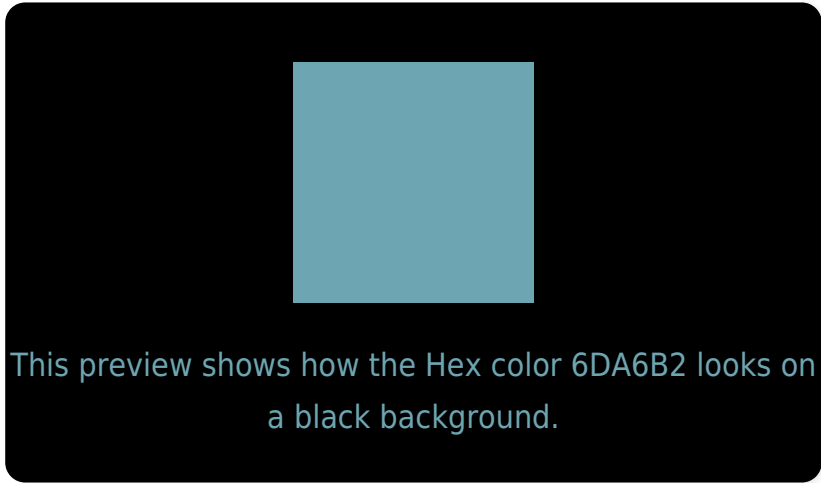
Large Text (above 18pt) WCAG AA × Fail

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 6DA6B2 Background



This preview shows how black text looks on a background with the Hex color 6DA6B2.

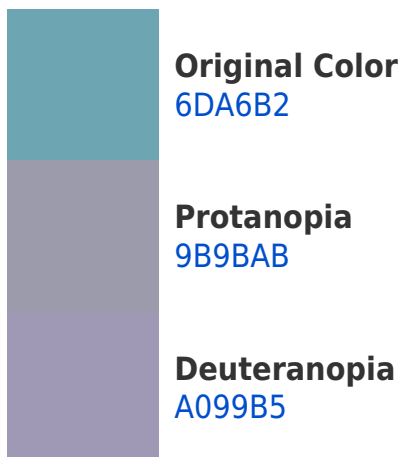


This preview shows how white text looks on a background with the Hex color 6DA6B2.

# 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](#).

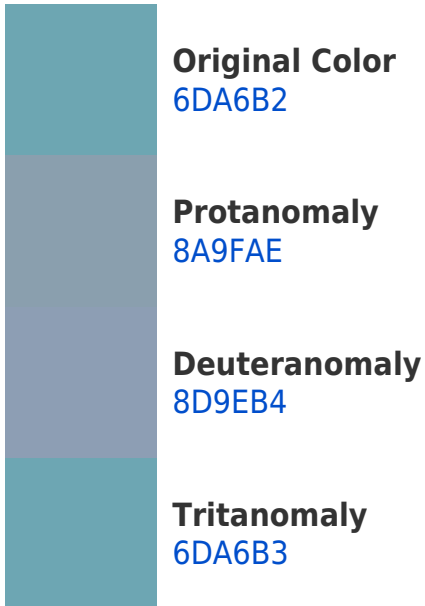
## Dichromacy



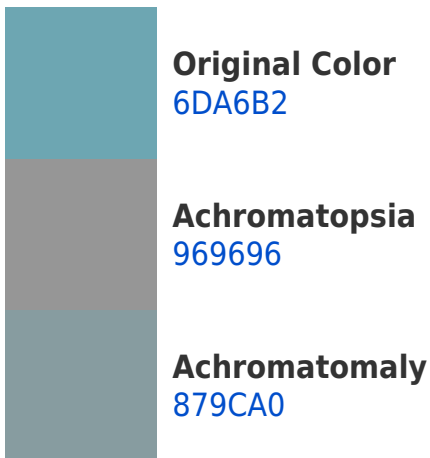


**Tritanopia**  
6DA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DA6B2 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 #6DA6B2 looks like.

```
.text, #text, p{  
    color:#6DA6B2  
}
```

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 #6DA6B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA6B2
}
```

## Border

The CSS property to change the border of an element to Hex 6DA6B2 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
#6DA6B2 }
```

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

```
.border{ border-color:#6DA6B2 }
```

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

Here you see how a box with a 4 pixel #6DA6B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA6B2; -webkit-box-shadow:4px 4px  
4px 4px #6DA6B2; box-shadow:4px 4px 4px  
4px #6DA6B2 }
```

# Background

The CSS property to change the background color of an element to Hex 6DA6B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA6B2 }
```

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

```
.background{ background-color:#6DA6B2 }
```

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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