

# Converting Colors

Hex(6BA391)

Have a look what the booklet for  
Hex(6BA391) contains.

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# Color

**Hex(6BA391)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6BA391
RGB	107, 163, 145
RGB Percent	42%, 64%, 57%
CMY	0.5804, 0.3608, 0.4314
CMYK	0.34, 0.00, 0.11, 0.36
HSL	161°, 23%, 53%
HSV	161°, 34%, 64%
XYZ	24.2714, 31.3645, 31.5628
YIQ	144.2040, -27.5980, -17.4700

# Conversions

## Conversions Part 2

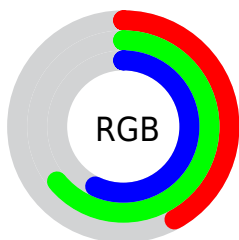
Format	Color
<a href="#">RYB</a>	<a href="#">107, 140, 163</a>
Decimal	<a href="#">7054225</a>
CIELab	<a href="#">62.81, -22.50, 3.52</a>
CIELCh	<a href="#">63, 22.774, 171.101</a>
Yxy	<a href="#">31.3645, 0.2783, 0.3597</a>
Android (android.graphics.Color)	<a href="#">4285244305</a> (0xFF6BA391)
YUV	<a href="#">144.2040, 0.3924, -32.6279</a>
Hunter-Lab	<a href="#">56.0040, -20.6474, 5.7881</a>

# Details

The Hex color **6BA391** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A36B7D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A0DAC7**, and **386F5F** is the 20% darker color. If you saturate the color by 10%, you get **5BA38C**, and if you desaturate by 10%, it is **7BA396**.

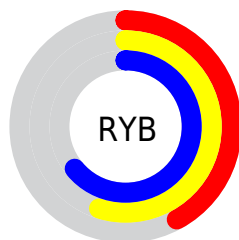
# Distribution



Red (42%)

Green (64%)

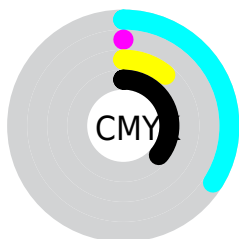
Blue (57%)



Red (42%)

Yellow (55%)

Blue (64%)

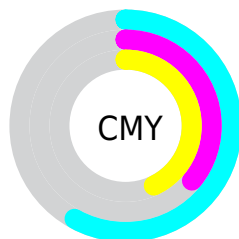


Cyan (34%)

Magenta (0%)

Yellow (11%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA391 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 6BA391 by changing the saturation by 10% instead.



6BA391

FFFFFF



A0DAC7



BCF7E3



D8FFFF



F5FFFF



6BA391



518977



386F5F



1F5647



003F31



00281C



001201



000000



6BA391



5BA38C



6BA391



7BA396

 4AA387 8CA39B 3AA381 9CA3A1 2AA37C ACA3A6 1AA377 BCA3AB 09A372 CDA3B0 00A36F DDA3B6 EDA3BB FEA3C0

# Harmonies

## Analogous

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



81A07E



6BA391



5EA3A6

# Triad

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



6BA391



9395BE



BB8E79

# Complementary

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



6BA391



A36B7D

# 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.



C18A8A



6BA391



AC8EB2

# Square

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



6BA391



779CBF



BC8A9F



AD9570

# Rectangle

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



6BA391



5EA2B2



BC8A9F



BE8C7E

# Sweetspot

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



6BA391



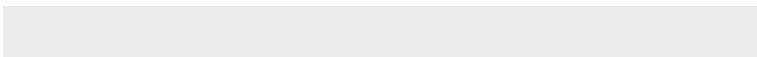
BED4CD



7EA36B



5E6B67



EBEBEB



6B6B6B



# Same Dimension

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



6BA391



7DD4B8



6B9AA3



49524F



009163



00120C



# Inverse Universe

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



A36B7D



D47D99



A3746B



52494C



91002F



120006



# Previews

## White Background



This preview shows how the Hex color 6BA391 looks on a white background.

## Color Contrast Check

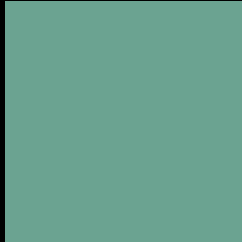
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6BA391 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

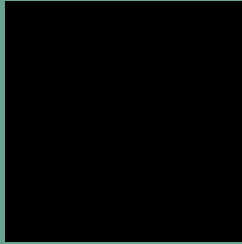
Any Text WCAG AA ✓ Pass

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 6BA391 Background



This preview shows how black text looks on a background with the Hex color 6BA391.

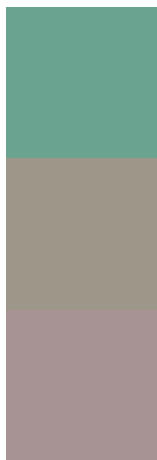


This preview shows how white text looks on a background with the Hex color 6BA391.

# 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



**Original Color**

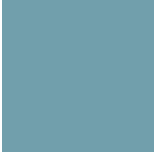
6BA391

**Protanopia**

9D978A

**Deuteranopia**


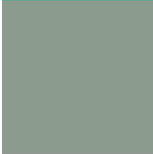
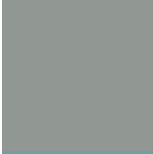

A79294






# Tritanopia

## 719FAC

# Trichromacy

	<b>Original Color</b> 6BA391
	<b>Protanomaly</b> 8B9B8D
	<b>Deuteranomaly</b> 919893
	<b>Tritanomaly</b> 6FA0A2

# Monochromacy

	<b>Original Color</b> 6BA391
	<b>Achromatopsia</b> 909090
	<b>Achromatomaly</b> 839790

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA391 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 #6BA391 looks like.

```
.text, #text, p{  
    color:#6BA391  
}
```

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 #6BA391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA391
}
```

## Border

The CSS property to change the border of an element to Hex 6BA391 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
#6BA391 }
```

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

```
.border{ border-color:#6BA391 }
```

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

Here you see how a box with a 4 pixel #6BA391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA391; -webkit-box-shadow:4px 4px  
4px 4px #6BA391; box-shadow:4px 4px 4px  
4px #6BA391 }
```

# Background

The CSS property to change the background color of an element to Hex 6BA391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA391 }
```

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

```
.background{ background-color:#6BA391 }
```

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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