

Converting Colors

Hex(6FA6A3)

Have a look what the booklet for
Hex(6FA6A3) contains.

Hex(6FA6A3)	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(6FA6A3)

Conversions

Conversions Part 1

Format	Color
Hex	6FA6A3
RGB	111, 166, 163
RGB Percent	44%, 65%, 64%
CMY	0.5647, 0.3490, 0.3608
CMYK	0.33, 0.00, 0.02, 0.35
HSL	177°, 24%, 54%
HSV	177°, 33%, 65%
XYZ	26.8026, 33.2963, 39.6645
YIQ	149.2130, -31.8170, -12.5930

Conversions

Conversions Part 2

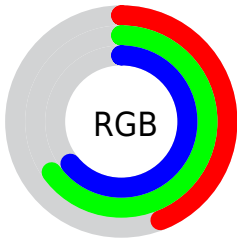
Format	Color
RYB	111, 139, 166
Decimal	7317155
CIELab	64.40, -18.67, -4.22
CIElCh	64, 19.141, 192.728
Yxy	33.2963, 0.2687, 0.3338
Android (android.graphics.Color)	4285507235 (0xFF6FA6A3)
YUV	149.2130, 6.7970, -33.5128
Hunter-Lab	57.7029, -18.0681, -0.3634

Details

The Hex color **6FA6A3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A66F72**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A5DDDA**, and **3C726F** is the 20% darker color. If you saturate the color by 10%, you get **5EA6A2**, and if you desaturate by 10%, it is **80A6A4**.

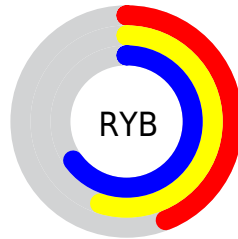
Distribution



Red (44%)

Green (65%)

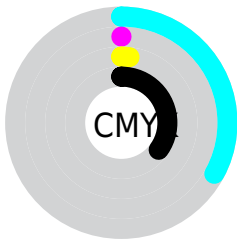
Blue (64%)



Red (44%)

Yellow (55%)

Blue (65%)

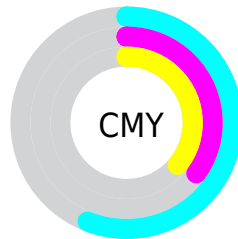


Cyan (33%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (56%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FA6A3 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 6FA6A3 by changing the saturation by 10% instead.



6FA6A3



6FA6A3

FFFFFF



558C89



A5DDDA



3C726F



C0FAF6



215957



DDFFFF



014240



FAFFFF



002B2A



001815



000000



6FA6A3



6FA6A3



5EA6A2



80A6A4

 4EA6A1

 90A6A5

 3DA6A0

 A1A6A6

 2DA69F

 B1A6A7

 1CA69E

 C2A6A8

 0BA69E

 D3A6A8

 00A69D

 E3A6A9

 F4A6AA

 FFA6AB

Harmonies

Analogous

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



7CA591



6FA6A3



6EA4B3

Triad

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



6FA6A3



A895B5



B2987C

Complementary

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



6FA6A3



A66F72

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.



BD9386



6FA6A3



B891A7

Square

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



6FA6A3



929BBD



BF9095



A29D7B

Rectangle

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



6FA6A3



76A2BA



BF9095



B7967E

Sweetspot

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



6FA6A3



C3D9D8



73A66F



606E6D



EDEDED



6E6E6E

Same Dimension

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



6FA6A3



82D9D4



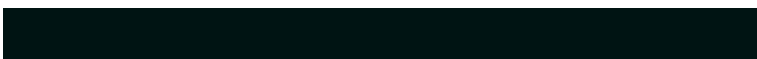
6F8EA6



4C5454



00948C



001413

Inverse Universe

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



A66F72



D98287



A6876F



544C4C



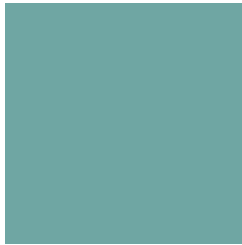
940008



140001

Previews

White Background



This preview shows how the Hex color 6FA6A3 looks on a white background.

Color Contrast Check

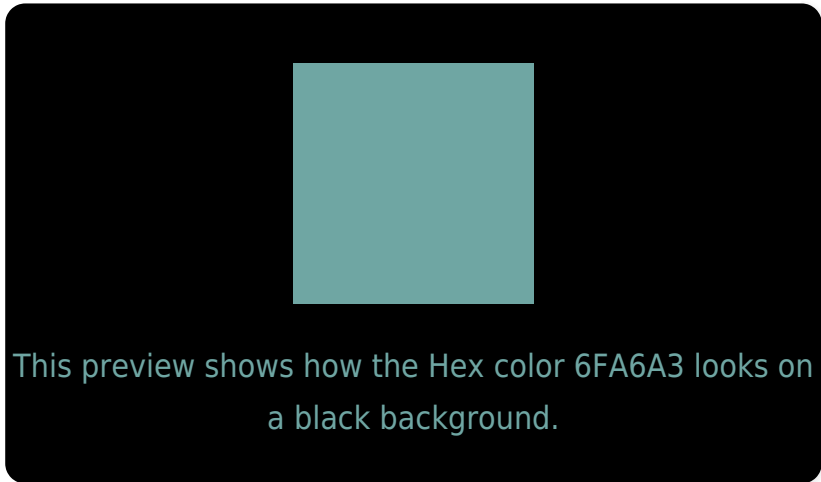
Large Text (above 18pt) WCAG AA × Fail

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

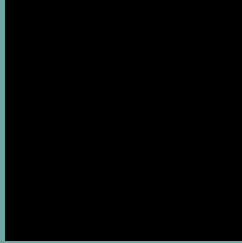
Any Text WCAG AA ✓ Pass

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 6FA6A3 Background



This preview shows how black text looks on a background with the Hex color 6FA6A3.

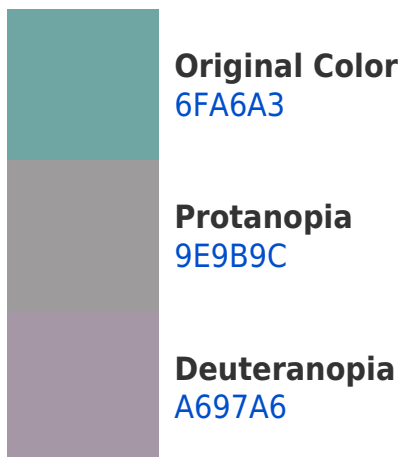


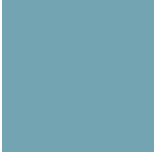
This preview shows how white text looks on a background with the Hex color 6FA6A3.

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](#).

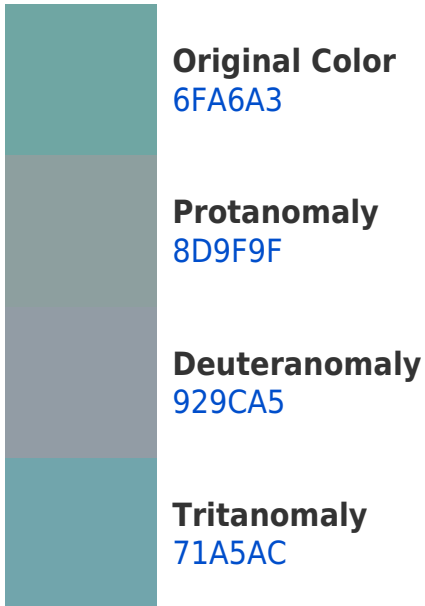
Dichromacy



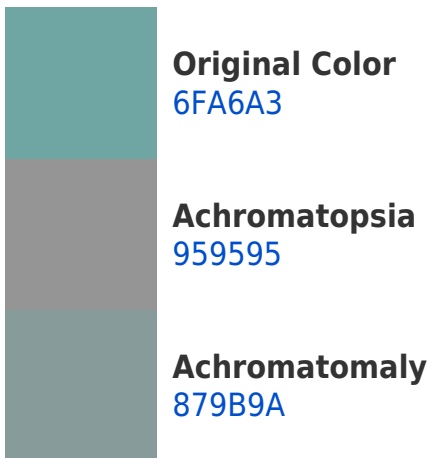


Tritanopia
72A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FA6A3 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 #6FA6A3 looks like.

```
.text, #text, p{  
    color:#6FA6A3  
}
```

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 #6FA6A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA6A3  
}
```

Border

The CSS property to change the border of an element to Hex 6FA6A3 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  
#6FA6A3 }
```

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

```
.border{ border-color:#6FA6A3 }
```

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

Here you see how a box with a 4 pixel #6FA6A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA6A3; -webkit-box-shadow:4px 4px  
4px 4px #6FA6A3; box-shadow:4px 4px 4px  
4px #6FA6A3 }
```

Background

The CSS property to change the background color of an element to Hex 6FA6A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA6A3 }
```

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

```
.background{ background-color:#6FA6A3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor