

Converting Colors

Hex(64C6A3)

Have a look what the booklet for
Hex(64C6A3) contains.

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Color

Hex(64C6A3)

Conversions

Conversions Part 1

Format	Color
Hex	64C6A3
RGB	100, 198, 163
RGB Percent	39%, 78%, 64%
CMY	0.6078, 0.2235, 0.3608
CMYK	0.49, 0.00, 0.18, 0.22
HSL	159°, 46%, 58%
HSV	159°, 49%, 78%
XYZ	32.0605, 45.7418, 41.7896
YIQ	164.7080, -47.1730, -31.6610

Conversions

Conversions Part 2

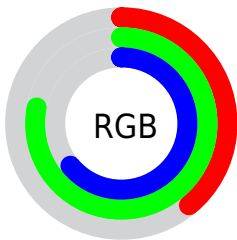
Format	Color
RYB	100, 160, 198
Decimal	6604451
CIELab	73.38, -37.19, 8.75
CIElCh	73, 38.211, 166.755
Yxy	45.7418, 0.2681, 0.3825
Android (android.graphics.Color)	4284794531 (0xFF64C6A3)
YUV	164.7080, -0.8420, -56.7489
Hunter-Lab	67.6327, -33.7415, 10.7082

Details

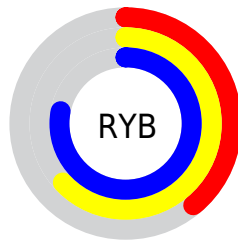
The Hex color **64C6A3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C66487**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9CFFDA**, and **288F6F** is the 20% darker color. If you saturate the color by 10%, you get **50C69C**, and if you desaturate by 10%, it is **78C6AA**.

Distribution



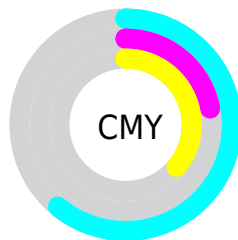
- Red (39%)
- Green (78%)
- Blue (64%)



- Red (39%)
- Yellow (63%)
- Blue (78%)



- Cyan (49%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64C6A3 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 64C6A3 by changing the saturation by 10% instead.

 64C6A3

 64C6A3

FFFFFF

 47AA89

 9CFFDA

 288F6F

 B9FFF6

 007557

 D6FFFF

 005C40

 F4FFFF

 00442A

 002D15

 001400

 000000

 64C6A3

 64C6A3

 50C69C

 78C6AA

 3CC695

 8CC6B1

 29C68E

 9FC6B8

 15C687

 B3C6BF

 01C680

 C7C6C6

 00C67F

 DBC6CD

 EFC6D5

 FFC6DC

 FFC6E3

Harmonies

Analogous

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



90C183



64C6A3



35C7C7

Triad

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



64C6A3



A2B1F7



F1A183

Complementary

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



64C6A3



C66487

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.



F99AA2



64C6A3



D1A4E4

Square

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



64C6A3



67BCF8



EF9BC5



D9AD70

Rectangle

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



64C6A3



26C5DD



EF9BC5



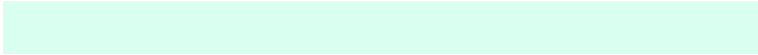
F59E8C

Sweetspot

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



64C6A3



D9FFF1



88C664



698077



000000



808080

Same Dimension

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



64C6A3



69FFC9



64B9C6



5A6360



00A369



002417

Inverse Universe

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



C66487



FF699E



C67164



635A5D



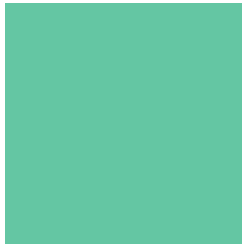
A3003A



24000D

Previews

White Background



This preview shows how the Hex color 64C6A3 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 64C6A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

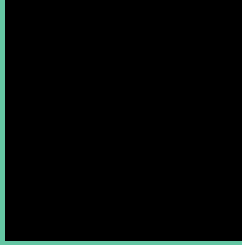
Any Text WCAG AA ✓ Pass

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 64C6A3 Background



This preview shows how black text looks on a background with the Hex color 64C6A3.

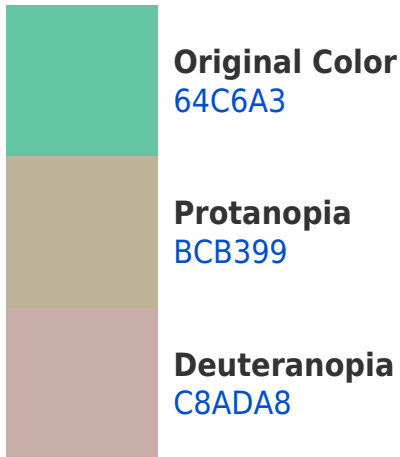


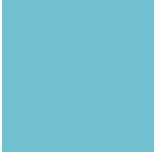
This preview shows how white text looks on a background with the Hex color 64C6A3.

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





Trichromacy



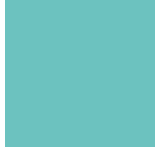
Original Color
64C6A3



Protanomaly
9CBA9D



Deuteranomaly
A4B6A6

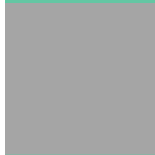


Tritanomaly
6CC2BF

Monochromacy



Original Color
64C6A3



Achromatopsia
A5A5A5



Achromatomaly
8DB1A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 64C6A3 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 #64C6A3 looks like.

```
.text, #text, p{  
    color:#64C6A3  
}
```

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 #64C6A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C6A3
}
```

Border

The CSS property to change the border of an element to Hex 64C6A3 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
#64C6A3 }
```

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

```
.border{ border-color:#64C6A3 }
```

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

Here you see how a box with a 4 pixel #64C6A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C6A3; -webkit-box-shadow:4px 4px  
4px 4px #64C6A3; box-shadow:4px 4px 4px  
4px #64C6A3 }
```

Background

The CSS property to change the background color of an element to Hex 64C6A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C6A3 }
```

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

```
.background{ background-color:#64C6A3 }
```

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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