

# Converting Colors

Hex(6AC6A5)

Have a look what the booklet for  
Hex(6AC6A5) contains.

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# Color

**Hex(6AC6A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AC6A5
RGB	106, 198, 165
RGB Percent	42%, 78%, 65%
CMY	0.5843, 0.2235, 0.3529
CMYK	0.46, 0.00, 0.17, 0.22
HSL	158°, 45%, 60%
HSV	158°, 46%, 78%
XYZ	32.9295, 46.1690, 42.7732
YIQ	166.7300, -44.2390, -29.7670

# Conversions

## Conversions Part 2

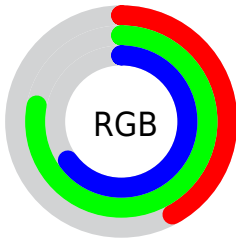
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 162, 198
Decimal	6997669
CIELab	73.66, -35.27, 8.10
CIElCh	74, 36.191, 167.065
Yxy	46.1690, 0.2702, 0.3788
Android (android.graphics.Color)	4285187749 (0xFF6AC6A5)
YUV	166.7300, -0.8529, -53.2602
Hunter-Lab	67.9477, -32.4022, 10.2402

# Details

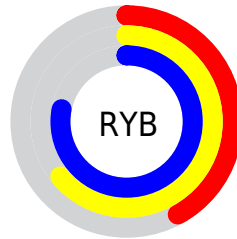
The Hex color **6AC6A5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C66A8B**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A2FFDC**, and **319071** is the 20% darker color. If you saturate the color by 10%, you get **56C69E**, and if you desaturate by 10%, it is **7EC6AC**.

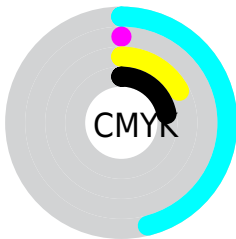
# Distribution



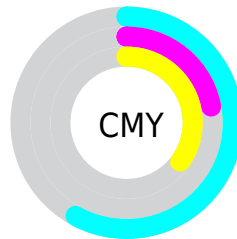
- Red (42%)
- Green (78%)
- Blue (65%)



- Red (42%)
- Yellow (64%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (17%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AC6A5 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 6AC6A5 by changing the saturation by 10% instead.





6AC6A5



6AC6A5

FFFFFF



4EAA8B



A2FFDC



319071



BEFFF9



087559



DBFFFF



005C41



F9FFFF



00442B



002D17



001500



000000



6AC6A5



6AC6A5

 56C69E

 7EC6AC

 42C697

 92C6B3

 2FC690

 A5C6BA

 1BC689

 B9C6C1

 07C681

 CDC6C9

 00C67F

 E1C6D0

 F5C6D7

 FFC6DE

 FFC6E5

# Harmonies

## Analogous

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



93C187



6AC6A5



44C7C7

# Triad

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



6AC6A5



A4B2F4



EFA386

# Complementary

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



6AC6A5



C66A8B

# 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.



F79CA3



6AC6A5



D1A6E2

# Square

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



6AC6A5



6FBCF5



ED9DC5



D8AE74

# Rectangle

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



6AC6A5



3BC5DC



ED9DC5



F3A08F

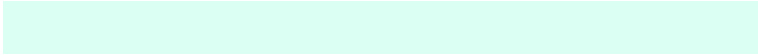


# Sweetspot

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



6AC6A5



DBFFF2



8CC66A



6A8078



000000



808080



# Same Dimension

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



6AC6A5



70FFCC



6ABAC6



5A6360



00A369



002417



# Inverse Universe

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



C66A8B



FF70A3



C6766A



635A5D



A3003B

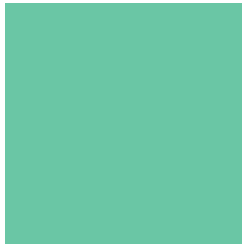


24000D



# Previews

## White Background



This preview shows how the Hex color 6AC6A5 looks on a white background.

## Color Contrast Check

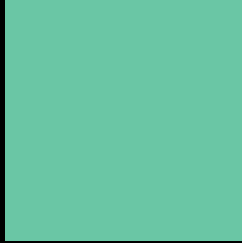
Large Text (above 18pt) WCAG AA × Fail

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 6AC6A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

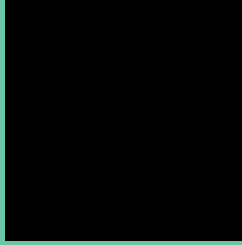
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AC6A5 Background



This preview shows how black text looks on a background with the Hex color 6AC6A5.

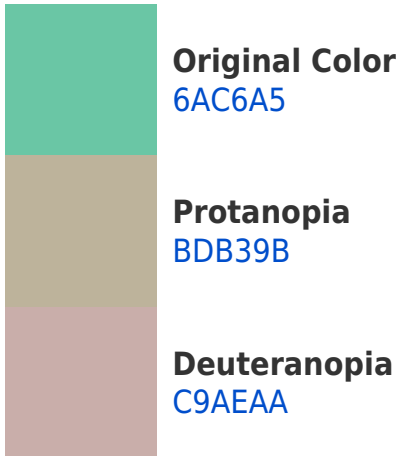


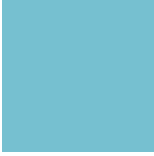
This preview shows how white text looks on a background with the Hex color 6AC6A5.

# 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**  
76C0D0

# Trichromacy



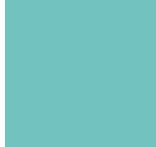
**Original Color**  
6AC6A5



**Protanomaly**  
9FBA9F



**Deuteranomaly**  
A6B7A8



**Tritanomaly**  
72C2C0

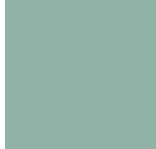
# Monochromacy



**Original Color**  
6AC6A5



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
91B2A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AC6A5 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 #6AC6A5 looks like.

```
.text, #text, p{  
    color:#6AC6A5  
}
```

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 #6AC6A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC6A5
}
```

## Border

The CSS property to change the border of an element to Hex 6AC6A5 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
#6AC6A5 }
```

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

```
.border{ border-color:#6AC6A5 }
```

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

Here you see how a box with a 4 pixel #6AC6A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC6A5; -webkit-box-shadow:4px 4px  
4px 4px #6AC6A5; box-shadow:4px 4px 4px  
4px #6AC6A5 }
```

# Background

The CSS property to change the background color of an element to Hex 6AC6A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC6A5 }
```

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

```
.background{ background-color:#6AC6A5 }
```

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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