

# Converting Colors

Hex(6CACA5)

Have a look what the booklet for  
Hex(6CACA5) contains.

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# **Color**

**Hex(6CACA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CACA5
RGB	108, 172, 165
RGB Percent	42%, 67%, 65%
CMY	0.5765, 0.3255, 0.3529
CMYK	0.37, 0.00, 0.04, 0.33
HSL	173°, 28%, 55%
HSV	173°, 37%, 67%
XYZ	27.7284, 35.4098, 40.9706
YIQ	152.0660, -35.8970, -15.7450

# Conversions

## Conversions Part 2

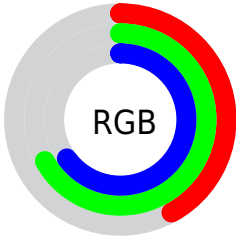
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 142, 172
Decimal	7122085
CIELab	66.07, -22.12, -2.90
CIELCh	66, 22.310, 187.456
Yxy	35.4098, 0.2663, 0.3401
Android (android.graphics.Color)	4285312165 (0xFF6CACA5)
YUV	152.0660, 6.3765, -38.6459
Hunter-Lab	59.5061, -20.9591, 0.8325

# Details

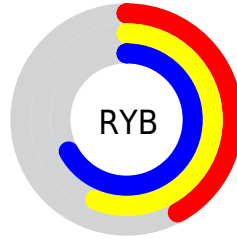
The Hex color **6CACA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC6C73**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A2E4DC**, and **377771** is the 20% darker color. If you saturate the color by 10%, you get **5BACA3**, and if you desaturate by 10%, it is **7DACA7**.

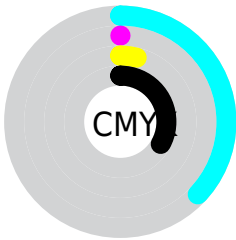
# Distribution



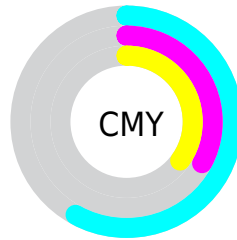
- Red (42%)
- Green (67%)
- Blue (65%)



- Red (42%)
- Yellow (56%)
- Blue (67%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (58%)
- Magenta (33%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CACA5 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 6CACA5 by changing the saturation by 10% instead.



 6CACA5

 6CACA5

FFFFFF

 52918B

 A2E4DC

 377771

 BEFFF8

 1B5E59

 DBFFFF

 004742

 F8FFFF

 00302C

 001D17

 000000

 6CACA5

 6CACA5

 5BACA3

 7DACA7

 4AACA1

 8EACA9

 38AC9F

 A0ACAB

 27AC9D

 B1ACAD

 16AC9C

 C2ACAE

 05AC9A

 D3ACB0

 00AC99

 E4ACB2

 F6ACB4

 FFACB6

# Harmonies

## Analogous

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



7EAB91



6CACA5



68ABB8

# Triad

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



6CACA5



AA9AC0



BD9A7C

# Complementary

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



6CACA5



AC6C73

# 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.



C89589



6CACA5



BF94B0

# Square

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



6CACA5



8FA1C8



C9929C



AAA179

# Rectangle

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



6CACA5



6FA8C2



C9929C



C19880



# Sweetspot

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



6CACA5



C8E0DE



73AC6C



62706F



F0F0F0



707070



# Same Dimension

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



6CACA5



7BE0D5



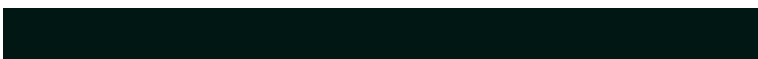
6C93AC



4E5756



009686



001714



# Inverse Universe

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



AC6C73



E07B86



AC856C



574E4F



960010

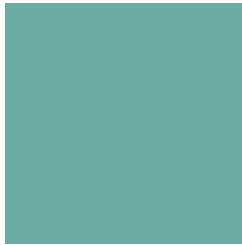


170003



# Previews

## White Background



This preview shows how the Hex color 6CACA5 looks on a white background.

## Color Contrast Check

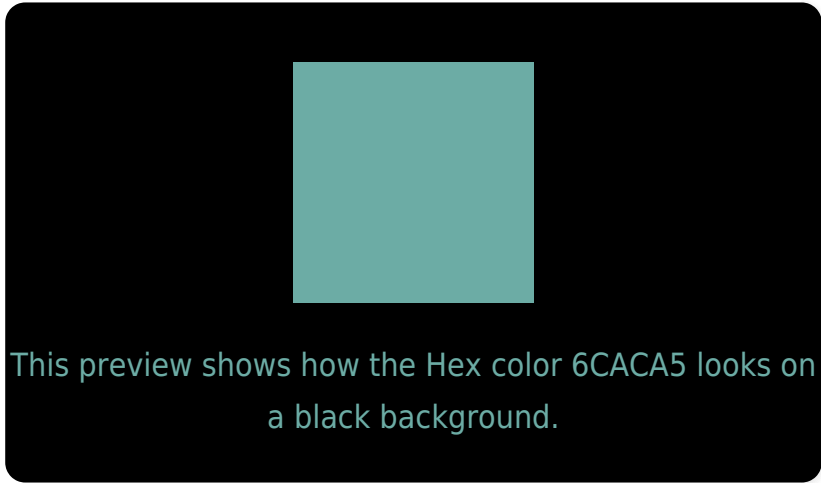
Large Text (above 18pt) WCAG AA × Fail

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 6CACA5 Background



This preview shows how black text looks on a background with the Hex color 6CACA5.

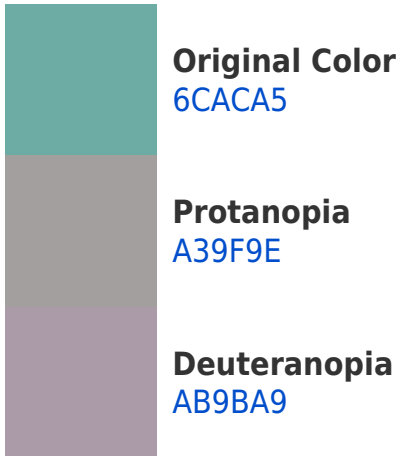


This preview shows how white text looks on a background with the Hex color 6CACA5.

# 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](#).

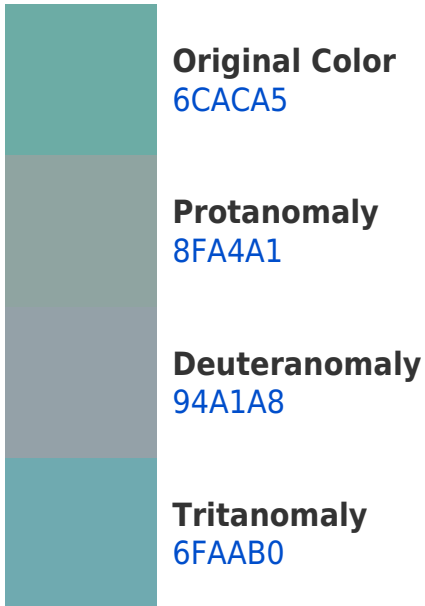
## Dichromacy



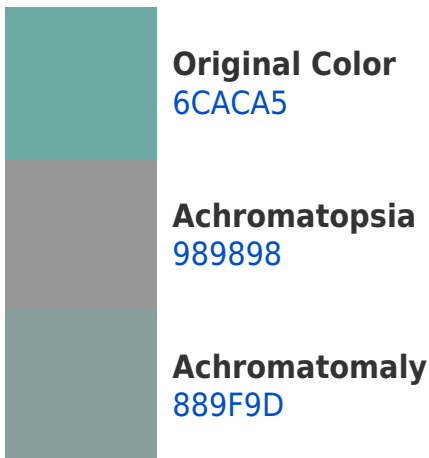


**Tritanopia**  
71A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CACA5 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 #6CACA5 looks like.

```
.text, #text, p{  
    color:#6CACA5  
}
```

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 #6CACA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CACA5
}
```

## Border

The CSS property to change the border of an element to Hex 6CACA5 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
#6CACA5 }
```

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

```
.border{ border-color:#6CACA5 }
```

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

Here you see how a box with a 4 pixel #6CACA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CACA5; -webkit-box-shadow:4px 4px  
4px 4px #6CACA5; box-shadow:4px 4px 4px  
4px #6CACA5 }
```

# Background

The CSS property to change the background color of an element to Hex 6CACA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CACA5 }
```

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

```
.background{ background-color:#6CACA5 }
```

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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