

# Converting Colors

Hex(6DC195)

Have a look what the booklet for  
Hex(6DC195) contains.

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**Color**

**Hex(6DC195)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DC195
RGB	109, 193, 149
RGB Percent	43%, 76%, 58%
CMY	0.5725, 0.2431, 0.4157
CMYK	0.44, 0.00, 0.23, 0.24
HSL	149°, 40%, 59%
HSV	149°, 44%, 76%
XYZ	30.8015, 43.5611, 35.2185
YIQ	162.8680, -35.9400, -31.4920

# Conversions

## Conversions Part 2

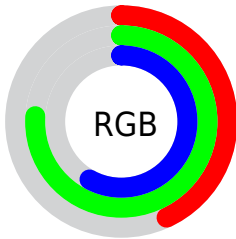
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 166, 193
Decimal	7192981
CIELab	71.93, -35.59, 14.32
CIELCh	72, 38.363, 158.078
Yxy	43.5611, 0.2811, 0.3975
Android (android.graphics.Color)	4285383061 (0xFF6DC195)
YUV	162.8680, -6.8369, -47.2422
Hunter-Lab	66.0008, -32.1985, 14.5630

# Details

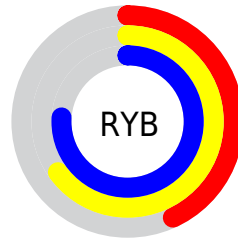
The Hex color **6DC195** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C16D99**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A4FACB**, and **368B62** is the 20% darker color. If you saturate the color by 10%, you get **5AC18B**, and if you desaturate by 10%, it is **80C19F**.

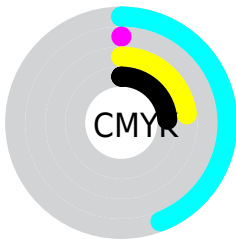
# Distribution



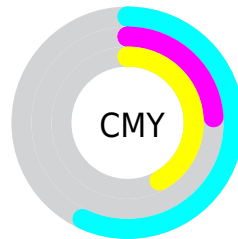
- Red (43%)
- Green (76%)
- Blue (58%)



- Red (43%)
- Yellow (65%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (57%)
- Magenta (24%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DC195 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 6DC195 by changing the saturation by 10% instead.





6DC195



6DC195

FFFFFF



52A67B



A4FACB



368B62



C0FFE7



16714A



DDFFFF



005833



FBFFFF



00401E



002907



000D00



000000



6DC195



6DC195

 5AC18B

 80C19F

 46C181

 94C1A9

 33C177

 A7C1B3

 20C16D

 BAC1BD

 0DC162

 CEC1C8

 00C15C

 E1C1D2

 F4C1DC

 FFC1E6

 FFC1F0

# Harmonies

## Analogous

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



98BB78



6DC195



3CC3B9

# Triad

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



6DC195



8DB1F5



F19A87

# Complementary

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



6DC195



C16D99

# 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.



F495A8



6DC195



C1A4E8

# Square

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



6DC195



50BBF0



E499CB



DDA570

# Rectangle

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



6DC195



1DC2D0



E499CB



F49891

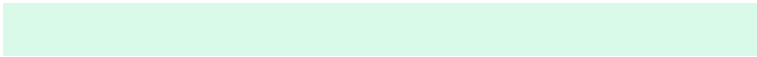


# Sweetspot

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



6DC195



D9FAE9



9AC16D



697D72



FCFCFC



7D7D7D



# Same Dimension

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



6DC195



78FAB6



6DC1BE



57615C



00A14D



002110



# Inverse Universe

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



C16D99



FA78BC



C16D70



61575C



A10054



210011



# Previews

## White Background



This preview shows how the Hex color 6DC195 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 6DC195 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

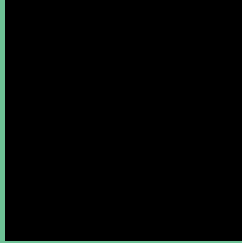
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DC195 Background



This preview shows how black text looks on a background with the Hex color 6DC195.

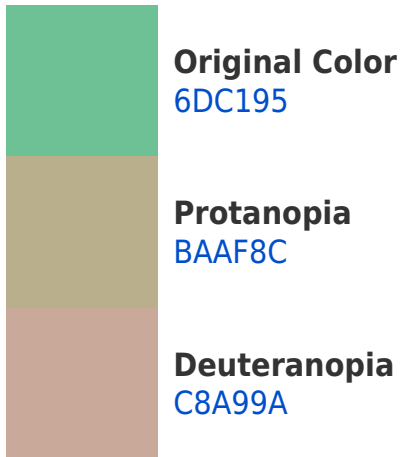


This preview shows how white text looks on a background with the Hex color 6DC195.

# 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**  
6DC195



**Protanomaly**  
9EB68F



**Deuteranomaly**  
A7B298



**Tritanomaly**  
75BDB6

# Monochromacy



**Original Color**  
6DC195



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
8FAE9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DC195 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 #6DC195 looks like.

```
.text, #text, p{  
    color:#6DC195  
}
```

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 #6DC195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC195
}
```

## Border

The CSS property to change the border of an element to Hex 6DC195 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
#6DC195 }
```

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

```
.border{ border-color:#6DC195 }
```

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

Here you see how a box with a 4 pixel #6DC195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC195; -webkit-box-shadow:4px 4px  
4px 4px #6DC195; box-shadow:4px 4px 4px  
4px #6DC195 }
```

# Background

The CSS property to change the background color of an element to Hex 6DC195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC195 }
```

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

```
.background{ background-color:#6DC195 }
```

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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