

# Converting Colors

Hex(45C69D)

Have a look what the booklet for  
Hex(45C69D) contains.

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**Color**

**Hex(45C69D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45C69D
RGB	69, 198, 157
RGB Percent	27%, 78%, 62%
CMY	0.7294, 0.2235, 0.3843
CMYK	0.65, 0.00, 0.21, 0.22
HSL	161°, 53%, 52%
HSV	161°, 65%, 78%
XYZ	28.7341, 44.0877, 38.8936
YIQ	154.7550, -63.7230, -40.0990

# Conversions

## Conversions Part 2

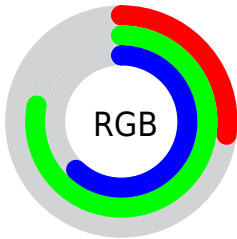
Format	Color
<a href="#">RYB</a>	<a href="#">69, 146, 198</a>
Decimal	<a href="#">4572829</a>
CIELab	<a href="#">72.29, -44.97, 10.31</a>
CIElCh	<a href="#">72, 46.140, 167.085</a>
Yxy	<a href="#">44.0877, 0.2572, 0.3946</a>
Android (android.graphics.Color)	<a href="#">4282762909</a> ( <a href="#">0xFF45C69D</a> )
YUV	<a href="#">154.7550, 1.1068, -75.2071</a>
Hunter-Lab	<a href="#">66.3986, -38.9512, 11.7493</a>

# Details

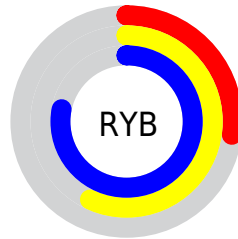
The Hex color **45C69D** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C6456E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **83FFD4**, and **008F6A** is the 20% darker color. If you saturate the color by 10%, you get **31C697**, and if you desaturate by 10%, it is **59C6A3**.

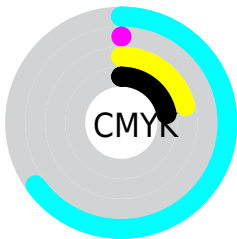
# Distribution



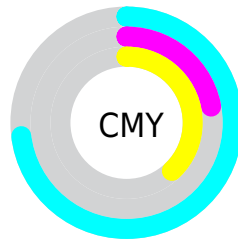
- Red (27%)
- Green (78%)
- Blue (62%)



- Red (27%)
- Yellow (57%)
- Blue (78%)



- Cyan (65%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (73%)
- Magenta (22%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45C69D 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 45C69D by changing the saturation by 10% instead.



 45C69D

 45C69D

FFFFFF

 1DAA83

 83FFD4

 008F6A

 A0FFF0

 007552

 BEFFFF


 005B3A

 DCFFFF

 004325

 FAFFFF

 002C10

 000F00

 000000

 45C69D

 45C69D

■ 31C697

■ 59C6A3

■ 1DC690

■ 6DC6AA

■ 0AC68A

■ 80C6B0

■ 00C687

■ 94C6B6

■ A8C6BC

■ BCC6C3

■ D0C6C9

■ E3C6CF

■ F7C6D6

# Harmonies

## Analogous

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



84C076



45C69D



00C7C9

# Triad

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



45C69D



99ADFF



F79A75

# Complementary

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



45C69D



C6456E

# 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.



FF909B



45C69D



D39DEB

# Square

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



45C69D



41BBFF



F791C5



DBA85E

# Rectangle

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



45C69D



00C5E3



F791C5



FD9581

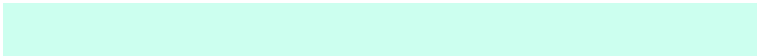


# Sweetspot

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



45C69D



CCFFE0



70C645



618076



000000



808080



# Same Dimension

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



45C69D



38FFC0



45B1C6



5A6360



00A36F



002418



# Inverse Universe

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



C6456E



FF3877



C65A45



635A5D



A30034

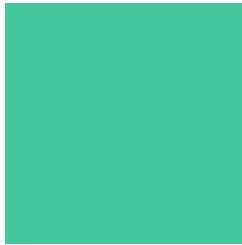


24000B



# Previews

## White Background



This preview shows how the Hex color 45C69D 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 45C69D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

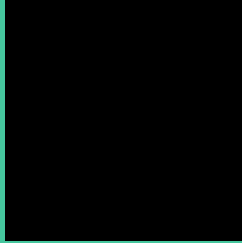
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 45C69D Background



This preview shows how black text looks on a background with the Hex color 45C69D.

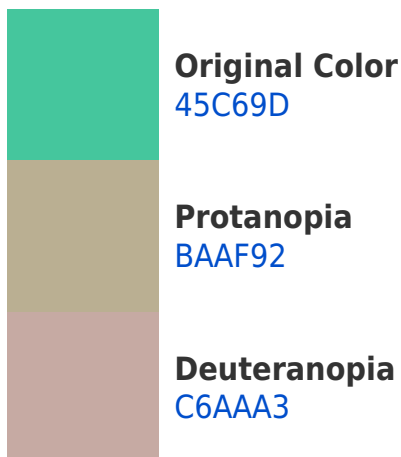


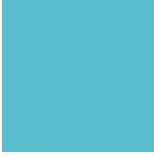
This preview shows how white text looks on a background with the Hex color 45C69D.

# 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**  
59BFCF

# Trichromacy



**Original Color**  
45C69D



**Protanomaly**  
8FB796



**Deuteranomaly**  
97B4A1



**Tritanomaly**  
52C2BD

# Monochromacy



**Original Color**  
45C69D



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
7CAB9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45C69D 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 #45C69D looks like.

```
.text, #text, p{  
    color:#45C69D  
}
```

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 #45C69D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C69D
}
```

## Border

The CSS property to change the border of an element to Hex 45C69D 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
#45C69D }
```

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

```
.border{ border-color:#45C69D }
```

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

Here you see how a box with a 4 pixel #45C69D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C69D; -webkit-box-shadow:4px 4px  
4px 4px #45C69D; box-shadow:4px 4px 4px  
4px #45C69D }
```

# Background

The CSS property to change the background color of an element to Hex 45C69D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C69D }
```

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

```
.background{ background-color:#45C69D }
```

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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