

# Converting Colors

Hex(45A795)

Have a look what the booklet for  
Hex(45A795) contains.

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# Color

Hex(45A795)

# Conversions

## Conversions Part 1

Format	Color
Hex	45A795
RGB	69, 167, 149
RGB Percent	27%, 65%, 58%
CMY	0.7294, 0.3451, 0.4157
CMYK	0.59, 0.00, 0.11, 0.35
HSL	169°, 42%, 46%
HSV	169°, 59%, 65%
XYZ	21.6978, 31.0726, 33.2878
YIQ	135.6460, -52.6300, -26.3740

# Conversions

## Conversions Part 2

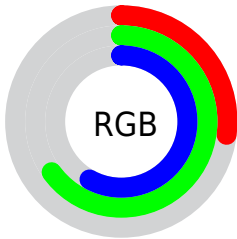
Format	Color
<a href="#">RYB</a>	<a href="#">69, 123, 167</a>
Decimal	<a href="#">4564885</a>
CIELab	<a href="#">62.57, -33.08, 0.73</a>
CIELCh	<a href="#">63, 33.084, 178.733</a>
Yxy	<a href="#">31.0726, 0.2521, 0.3611</a>
Android (android.graphics.Color)	<a href="#">4282754965</a> ( <a href="#">0xFF45A795</a> )
YUV	<a href="#">135.6460, 6.5835, -58.4485</a>
Hunter-Lab	<a href="#">55.7428, -28.0690, 3.6139</a>

# Details

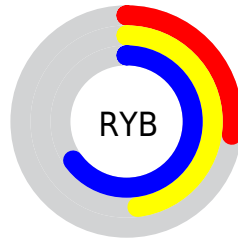
The Hex color **45A795** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A74557**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7EDFCB**, and **007262** is the 20% darker color. If you saturate the color by 10%, you get **34A792**, and if you desaturate by 10%, it is **56A798**.

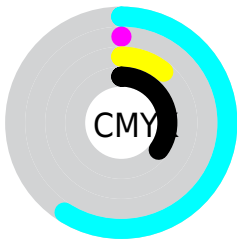
# Distribution



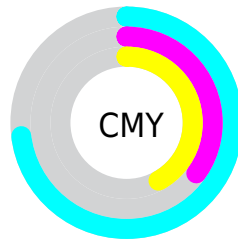
- Red (27%)
- Green (65%)
- Blue (58%)



- Red (27%)
- Yellow (48%)
- Blue (65%)



- Cyan (59%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)



- Cyan (73%)
- Magenta (35%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45A795 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 45A795 by changing the saturation by 10% instead.



 45A795

 45A795

FFFFFF

 248C7B

 7EDFCB

 007262

 9BFBE7

 00594B

 B7FFFF

 004134

 D4FFFF

 002B1F

 F2FFFF

 001107

 000000

 45A795

 45A795

 34A792

 56A798

■ 24A78F

■ 66A79B

■ 13A78C

■ 77A79E

■ 02A789

■ 88A7A1

■ 00A788

■ 98A7A4

■ A9A7A7

■ BAA7AA

■ CBA7AE

■ DBA7B1

# Harmonies

## Analogous

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



6BA478



45A795



25A6B3

# Triad

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



45A795



9990CB



C48B66

# Complementary

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



45A795



A74557

# 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.



D0837D



45A795



BB86B6

# Square

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



45A795



6B9BD2



CE819A



AC955C

# Rectangle

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



45A795



2DA4C3



CE819A



C9886C



# Sweetspot

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



45A795



B2D9D2



59A745



566E69



EDEDED



6E6E6E



# Same Dimension

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



45A795



41D9BD



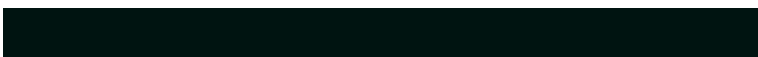
458AA7



4C5453



009479



001411



# Inverse Universe

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



A74557



D9415D



A76245



544C4D



94001B

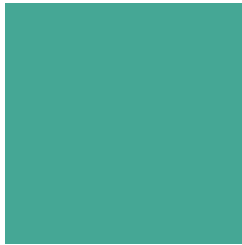


140004



# Previews

## White Background



This preview shows how the Hex color 45A795 looks on a white background.

## Color Contrast Check

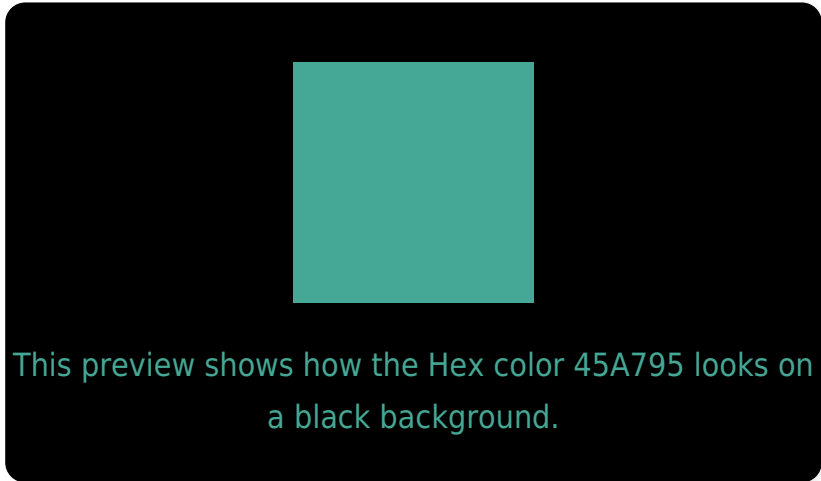
Large Text (above 18pt) WCAG AA × Fail

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

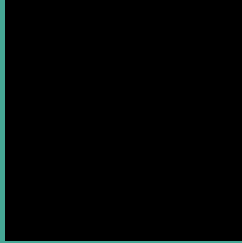
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 45A795 Background



This preview shows how black text looks on a background with the Hex color 45A795.

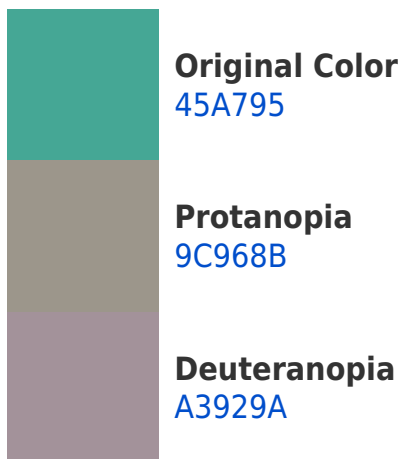


This preview shows how white text looks on a background with the Hex color 45A795.

# 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**  
4FA3B0

# Trichromacy



**Original Color**  
45A795



**Protanomaly**  
7C9C8F



**Deuteranomaly**  
819A98



**Tritanomaly**  
4BA4A6

# Monochromacy



**Original Color**  
45A795



**Achromatopsia**  
888888



**Achromatomaly**  
70938D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45A795 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 #45A795 looks like.

```
.text, #text, p{  
    color:#45A795  
}
```

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 #45A795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A795  
}
```

## Border

The CSS property to change the border of an element to Hex 45A795 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  
#45A795 }
```

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

```
.border{ border-color:#45A795 }
```

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

Here you see how a box with a 4 pixel #45A795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A795; -webkit-box-shadow:4px 4px  
4px 4px #45A795; box-shadow:4px 4px 4px  
4px #45A795 }
```

# Background

The CSS property to change the background color of an element to Hex 45A795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A795 }
```

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

```
.background{ background-color:#45A795 }
```

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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