

Converting Colors

Hex(45B29E)

Have a look what the booklet for
Hex(45B29E) contains.

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Color

Hex(45B29E)

Conversions

Conversions Part 1

Format	Color
Hex	45B29E
RGB	69, 178, 158
RGB Percent	27%, 70%, 62%
CMY	0.7294, 0.3020, 0.3804
CMYK	0.61, 0.00, 0.11, 0.30
HSL	169°, 44%, 48%
HSV	169°, 61%, 70%
XYZ	24.5462, 35.5746, 37.9206
YIQ	143.1290, -58.5440, -29.3280

Conversions

Conversions Part 2

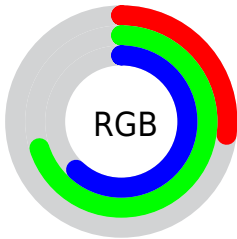
Format	Color
RYB	69, 129, 178
Decimal	4567710
CIELab	66.19, -35.87, 1.00
CIElCh	66, 35.888, 178.404
Yxy	35.5746, 0.2504, 0.3629
Android (android.graphics.Color)	4282757790 (0xFF45B29E)
YUV	143.1290, 7.3314, -65.0111
Hunter-Lab	59.6445, -30.9176, 4.0559

Details

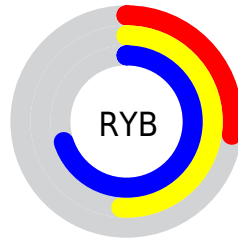
The Hex color **45B29E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B24559**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **80EAD5**, and **007D6B** is the 20% darker color. If you saturate the color by 10%, you get **33B29B**, and if you desaturate by 10%, it is **57B2A1**.

Distribution



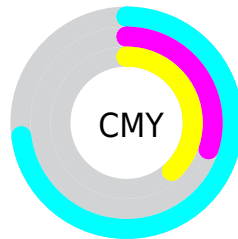
- Red (27%)
- Green (70%)
- Blue (62%)



- Red (27%)
- Yellow (51%)
- Blue (70%)



- Cyan (61%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (73%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45B29E 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 45B29E by changing the saturation by 10% instead.

 45B29E

 45B29E

FFFFFF

 229784

 80EAD5

 007D6B

 9DFFF1

 006353

 BAFFFF

 004B3C

 D7FFFF

 003326

 F5FFFF

 001E11

 000000

 45B29E

 45B29E

 33B29B

 57B2A1

 21B297

 69B2A5

 10B294

 7AB2A8

 00B291

 8CB2AB

 9EB2AE

 B0B2B2

 C2B2B5

 D3B2B8

 E5B2BB

Harmonies

Analogous

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



70AF7E



45B29E



19B1BE

Triad

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



45B29E



A299DA



D1936B

Complementary

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



45B29E



B24559

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.



DF8A84



45B29E



C88EC3

Square

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



45B29E



6FA5E1



DC88A4



B89E60

Rectangle

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



45B29E



24AFD0



DC88A4



D79072

Sweetspot

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



45B29E



BEE8E0



5BB245



5B7571



F5F5F5



757575

Same Dimension

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



45B29E



3FE8C9



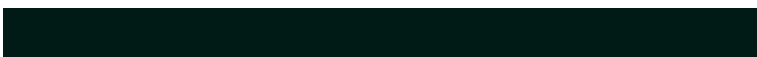
4591B2



505958



00997D



001A15

Inverse Universe

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



B24559



E83F5E



B26645



595052



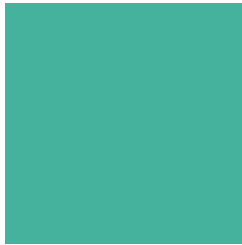
99001C



1A0005

Previews

White Background



This preview shows how the Hex color 45B29E 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 45B29E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

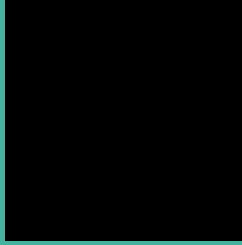
Any Text WCAG AA ✓ Pass

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 45B29E Background



This preview shows how black text looks on a background with the Hex color 45B29E.

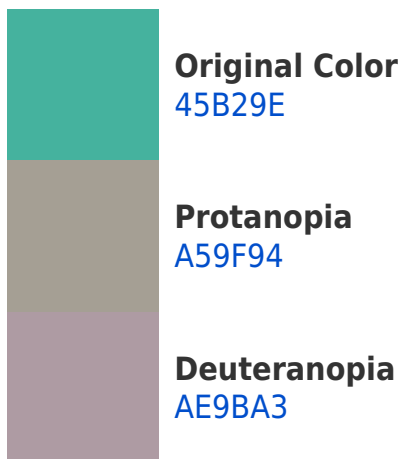


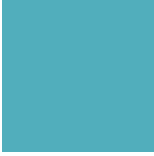
This preview shows how white text looks on a background with the Hex color 45B29E.

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](#).

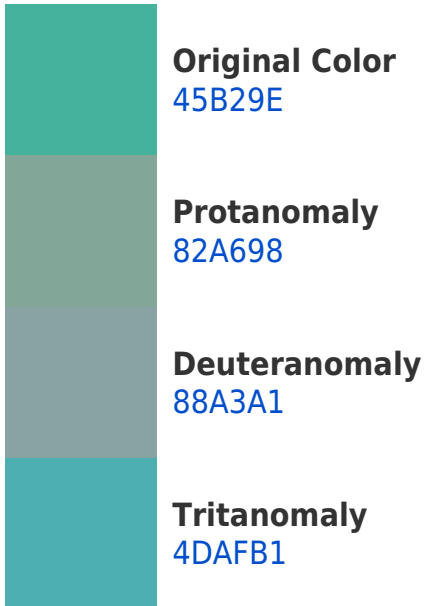
Dichromacy



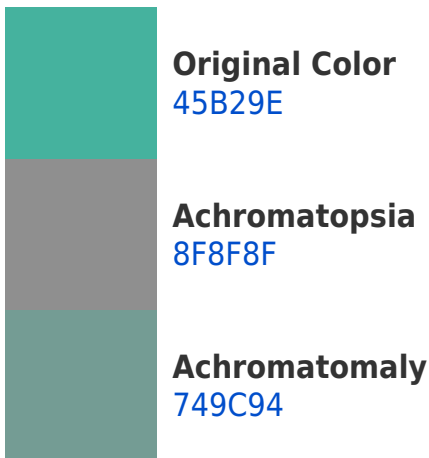


Tritanopia
51AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45B29E 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 #45B29E looks like.

```
.text, #text, p{  
    color:#45B29E  
}
```

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 #45B29E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45B29E
}
```

Border

The CSS property to change the border of an element to Hex 45B29E 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
#45B29E }
```

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

```
.border{ border-color:#45B29E }
```

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

Here you see how a box with a 4 pixel #45B29E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45B29E; -webkit-box-shadow:4px 4px  
4px 4px #45B29E; box-shadow:4px 4px 4px  
4px #45B29E }
```

Background

The CSS property to change the background color of an element to Hex 45B29E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45B29E }
```

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

```
.background{ background-color:#45B29E }
```

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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