

Converting Colors

Hex(45A9A2)

Have a look what the booklet for
Hex(45A9A2) contains.

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Color

Hex(45A9A2)

Conversions

Conversions Part 1

Format	Color
Hex	45A9A2
RGB	69, 169, 162
RGB Percent	27%, 66%, 64%
CMY	0.7294, 0.3373, 0.3647
CMYK	0.59, 0.00, 0.04, 0.34
HSL	176°, 42%, 47%
HSV	176°, 59%, 66%
XYZ	23.1638, 32.2498, 39.1864
YIQ	138.3020, -57.3530, -23.3770

Conversions

Conversions Part 2

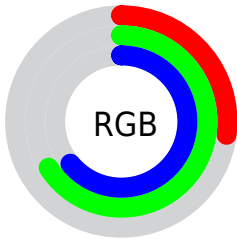
Format	Color
RYB	69, 121, 169
Decimal	4565410
CIELab	63.55, -30.57, -5.11
CIELCh	64, 30.991, 189.488
Yxy	32.2498, 0.2449, 0.3409
Android (android.graphics.Color)	4282755490 (0xFF45A9A2)
YUV	138.3020, 11.6831, -60.7779
Hunter-Lab	56.7889, -26.5716, -1.1600

Details

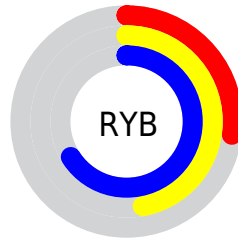
The Hex color **45A9A2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A9454C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7FE1D9**, and **00746E** is the 20% darker color. If you saturate the color by 10%, you get **34A9A1**, and if you desaturate by 10%, it is **56A9A3**.

Distribution



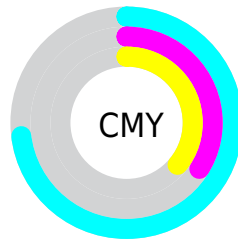
- Red (27%)
- Green (66%)
- Blue (64%)



- Red (27%)
- Yellow (47%)
- Blue (66%)



- Cyan (59%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (73%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A9A2 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 45A9A2 by changing the saturation by 10% instead.



45A9A2



45A9A2

FFFFFF



238E88



7FE1D9



00746E



9CFDF5



005B56



B9FFFF



00433F



D6FFFF



002C29



F4FFFF



001515



000000



45A9A2



45A9A2



34A9A1



56A9A3

■ 23A9A0

■ 67A9A4

■ 12A99E

■ 78A9A6

■ 01A99D

■ 89A9A7

■ 00A99D

■ 99A9A8

■ AAA9A9

■ BBA9AA

■ CCA9AB

■ DDA9AD

Harmonies

Analogous

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



65A786



45A9A2



3AA7BC

Triad

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



45A9A2



A990C5



BD9267

Complementary

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



45A9A2



A9454C

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.



CD8978



45A9A2



C488AE

Square

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



45A9A2



829AD0



D08592



A49B63

Rectangle

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



45A9A2



4AA4C9



D08592



C48F6B

Sweetspot

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



45A9A2



B4DBD9



4DA945



566E6C



EDEDED



6E6E6E

Same Dimension

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



45A9A2



40DBD0



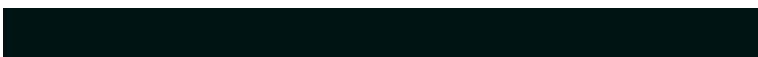
457FA9



4C5454



00948A



001413

Inverse Universe

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



A9454C



DB404A



A96F45



544C4C



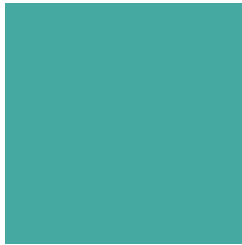
94000A



140001

Previews

White Background



This preview shows how the Hex color 45A9A2 looks on a white background.

Color Contrast Check

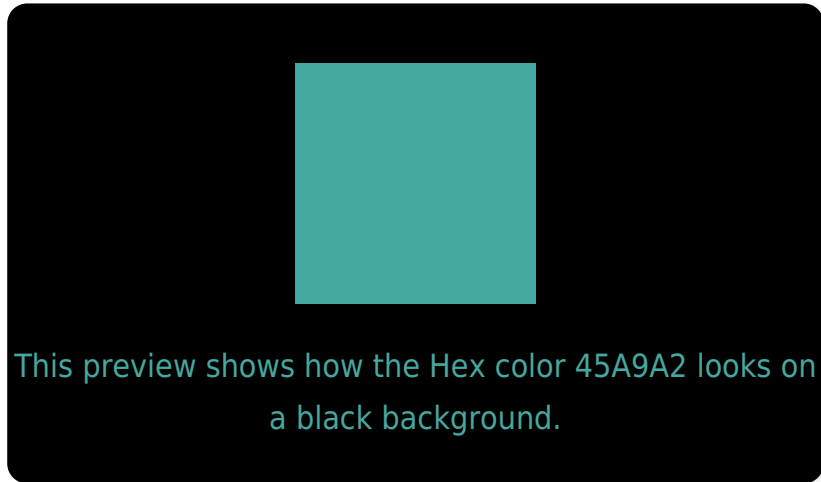
Large Text (above 18pt) WCAG AA × Fail

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

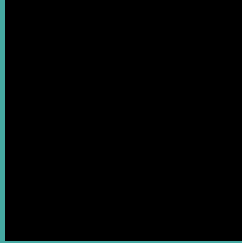
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

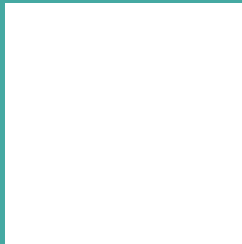
Any Text WCAG AAA ✓ Pass

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

Hex 45A9A2 Background



This preview shows how black text looks on a background with the Hex color 45A9A2.

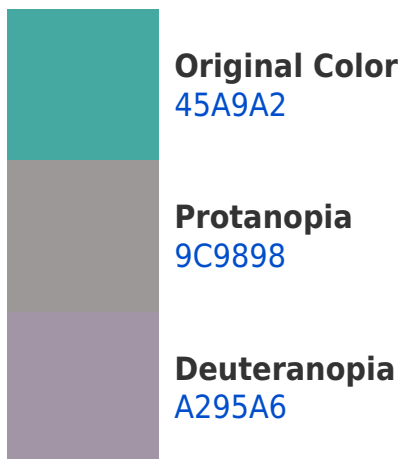


This preview shows how white text looks on a background with the Hex color 45A9A2.

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](#).

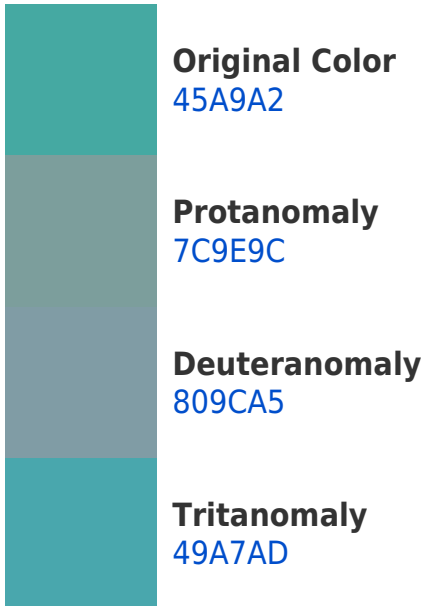
Dichromacy



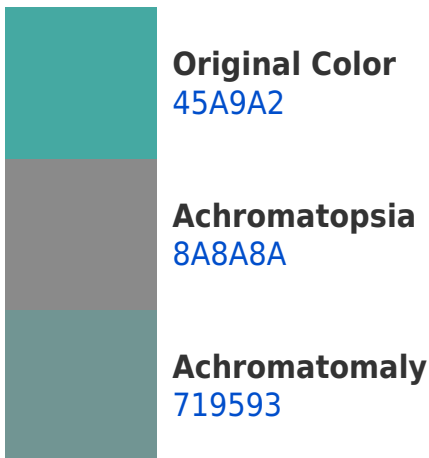


Tritanopia
4CA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45A9A2 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 #45A9A2 looks like.

```
.text, #text, p{  
    color:#45A9A2  
}
```

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 #45A9A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A9A2
}
```

Border

The CSS property to change the border of an element to Hex 45A9A2 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
#45A9A2 }
```

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

```
.border{ border-color:#45A9A2 }
```

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

Here you see how a box with a 4 pixel #45A9A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A9A2; -webkit-box-shadow:4px 4px  
4px 4px #45A9A2; box-shadow:4px 4px 4px  
4px #45A9A2 }
```

Background

The CSS property to change the background color of an element to Hex 45A9A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A9A2 }
```

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

```
.background{ background-color:#45A9A2 }
```

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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