

Converting Colors

Hex(45A197)

Have a look what the booklet for
Hex(45A197) contains.

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Color

Hex(45A197)

Conversions

Conversions Part 1

Format	Color
Hex	45A197
RGB	69, 161, 151
RGB Percent	27%, 63%, 59%
CMY	0.7294, 0.3686, 0.4078
CMYK	0.57, 0.00, 0.06, 0.37
HSL	173°, 40%, 45%
HSV	173°, 57%, 63%
XYZ	20.7850, 28.9893, 33.7782
YIQ	132.3520, -51.6220, -22.6140

Conversions

Conversions Part 2

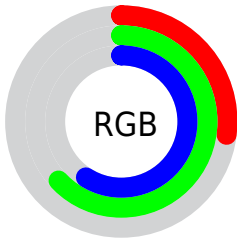
Format	Color
R _{YB}	69, 118, 161
Decimal	4563351
CIE Lab	60.77, -29.68, -3.02
CIE LCh	61, 29.832, 185.819
Yxy	28.9893, 0.2488, 0.3470
Android (android.graphics.Color)	4282753431 (0xFF45A197)
YUV	132.3520, 9.1935, -55.5597
Hunter-Lab	53.8417, -25.3150, 0.4930

Details

The Hex color **45A197** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A1454F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7ED8CD**, and **006D64** is the 20% darker color. If you saturate the color by 10%, you get **35A195**, and if you desaturate by 10%, it is **55A199**.

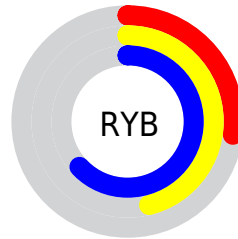
Distribution



Red (27%)

Green (63%)

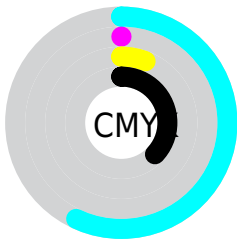
Blue (59%)



Red (27%)

Yellow (46%)

Blue (63%)

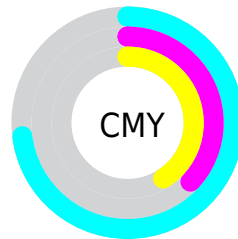


Cyan (57%)

Magenta (0%)

Yellow (6%)

Black (37%)



Cyan (73%)

Magenta (37%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A197 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 45A197 by changing the saturation by 10% instead.



45A197



45A197

FFFFFF



25877D



7ED8CD



006D64



9AF5E9



00544C



B7FFFF



003C36



D4FFFF



002621



F1FFFF



00060A



000000



45A197



45A197



35A195



55A199

■ 25A193

■ 65A19B

■ 15A192

■ 75A19C

■ 05A190

■ 85A19E

■ 00A190

■ 96A1A0

■ A6A1A2

■ B6A1A3

■ C6A1A5

■ D6A1A7

Harmonies

Analogous

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



649F7C



45A197



36A0B1

Triad

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



45A197



9D8ABD



B78A63

Complementary

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



45A197



A1454F

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.



C48275



45A197



B882A9

Square

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



45A197



7793C7



C67F8E



A0935E

Rectangle

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



45A197



439DBD



C67F8E



BC8768

Sweetspot

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



45A197



AED1CD



50A145



546966



E8E8E8



696969

Same Dimension

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



45A197



41D1C1



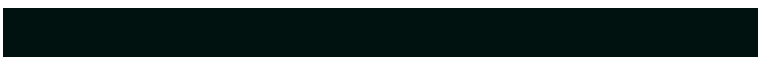
457EA1



495251



009182



001210

Inverse Universe

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



A1454F



D14151



A16845



52494A



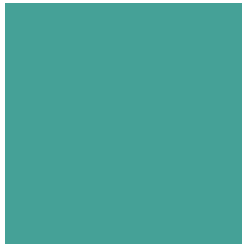
910010



120002

Previews

White Background



This preview shows how the Hex color 45A197 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 45A197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

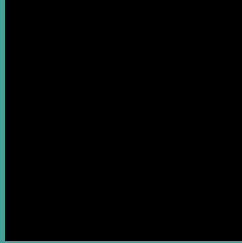
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 45A197 Background



This preview shows how black text looks on a background with the Hex color 45A197.

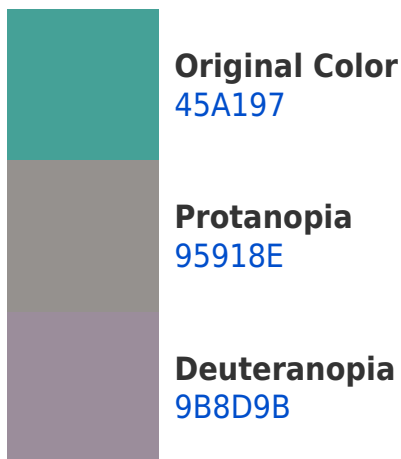


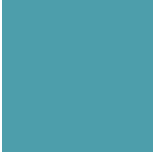
This preview shows how white text looks on a background with the Hex color 45A197.

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](#).

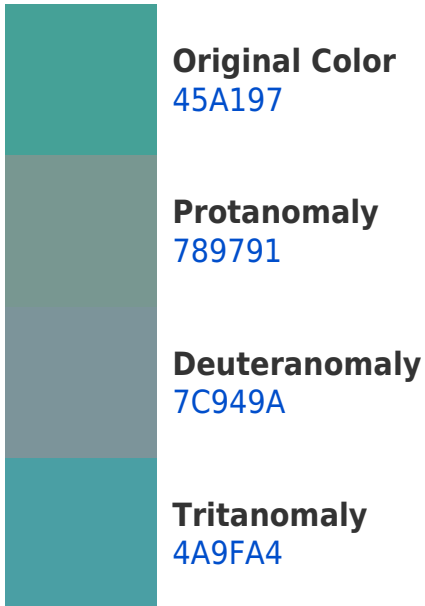
Dichromacy



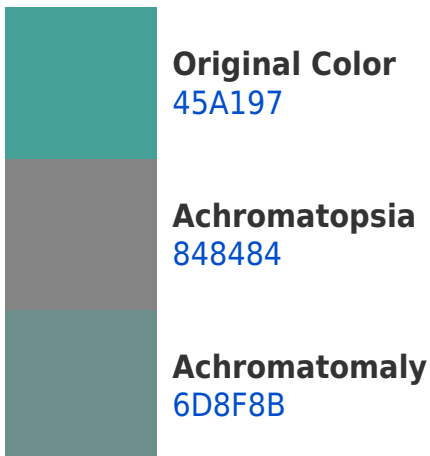


Tritanopia
4D9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45A197 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 #45A197 looks like.

```
.text, #text, p{  
    color:#45A197  
}
```

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 #45A197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A197
}
```

Border

The CSS property to change the border of an element to Hex 45A197 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
#45A197 }
```

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

```
.border{ border-color:#45A197 }
```

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

Here you see how a box with a 4 pixel #45A197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A197; -webkit-box-shadow:4px 4px  
4px 4px #45A197; box-shadow:4px 4px 4px  
4px #45A197 }
```

Background

The CSS property to change the background color of an element to Hex 45A197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A197 }
```

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

```
.background{ background-color:#45A197 }
```

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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