

Converting Colors

Hex(45A3B3)

Have a look what the booklet for
Hex(45A3B3) contains.

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Color

Hex(45A3B3)

Conversions

Conversions Part 1

Format	Color
Hex	45A3B3
RGB	69, 163, 179
RGB Percent	27%, 64%, 70%
CMY	0.7294, 0.3608, 0.2980
CMYK	0.61, 0.09, 0.00, 0.30
HSL	189°, 44%, 49%
HSV	189°, 61%, 70%
XYZ	23.6881, 30.7143, 47.3278
YIQ	136.7180, -61.1600, -14.9520

Conversions

Conversions Part 2

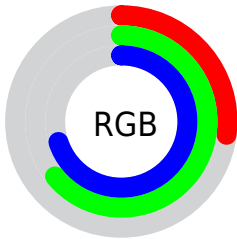
Format	Color
R _Y B	69, 120, 179
Decimal	4563891
CIE Lab	62.27, -22.70, -16.56
CIE LCh	62, 28.097, 216.115
Yxy	30.7143, 0.2329, 0.3019
Android (android.graphics.Color)	4282753971 (0xFF45A3B3)
YUV	136.7180, 20.8450, -59.3887
Hunter-Lab	55.4205, -20.6903, -11.8380

Details

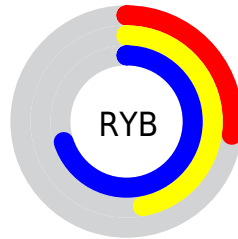
The Hex color **45A3B3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B35545**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **80DAEB**, and **006F7E** is the 20% darker color. If you saturate the color by 10%, you get **33A0B3**, and if you desaturate by 10%, it is **57A6B3**.

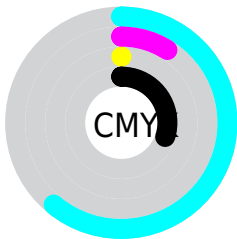
Distribution



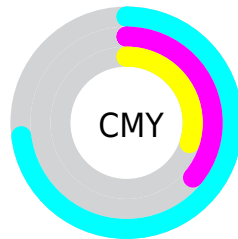
- Red (27%)
- Green (64%)
- Blue (70%)



- Red (27%)
- Yellow (47%)
- Blue (70%)



- Cyan (61%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)



- Cyan (73%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A3B3 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 45A3B3 by changing the saturation by 10% instead.

 45A3B3

 45A3B3

FFFFFF

 228998

 80DAEB

 006F7E

 9DF7FF

 005665

 BAFFFF

 003F4D

 D7FFFF

 002836

 F5FFFF

 001021

 000008

 000000

 45A3B3

 45A3B3

■ 33A0B3

■ 57A6B3

■ 219EB3

■ 69A8B3

■ 0F9BB3

■ 7BABB3

■ 0099B3

■ 8DADB3

■ 9EB0B3

■ B0B3B3

■ C2B5B3

■ D4B8B3

■ E6BAB3

Harmonies

Analogous

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



50A49B



45A3B3



599FC3

Triad

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



45A3B3



BB87AB



A39765

Complementary

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



45A3B3



B35545

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.



B98E6A



45A3B3



C78492

Square

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



45A3B3



A18EBF



C6877A



889E6E

Rectangle

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



45A3B3



719AC8



C6877A



AB9465

Sweetspot

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



45A3B3



BEE2E8



45B354



5B7275



F5F5F5



757575

Same Dimension

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



45A3B3



3CCFE8



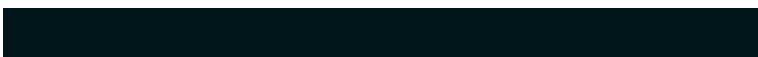
456DB3



505859



008399



00161A

Inverse Universe

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



B345A3



E83CCF



B38B45



595058



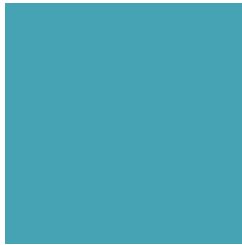
990083



1A0016

Previews

White Background



This preview shows how the Hex color 45A3B3 looks on a white background.

Color Contrast Check

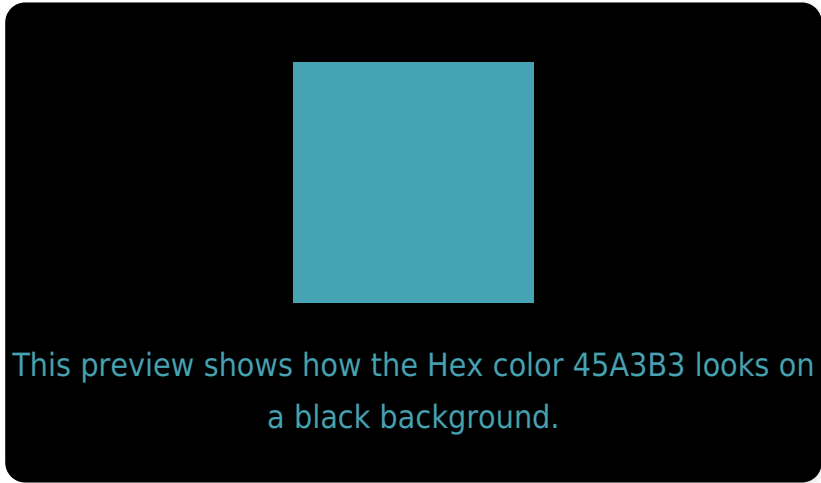
Large Text (above 18pt) WCAG AA × Fail

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

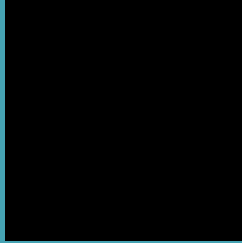
Any Text WCAG AA ✓ Pass

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 45A3B3 Background



This preview shows how black text looks on a background with the Hex color 45A3B3.

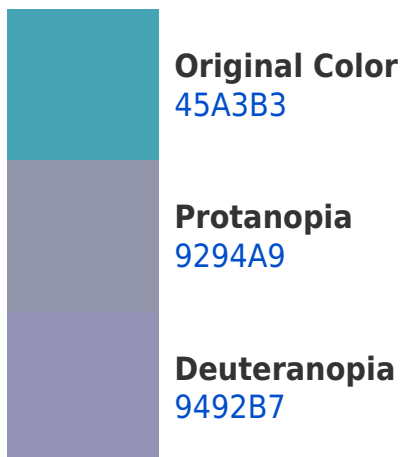


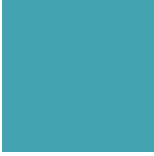
This preview shows how white text looks on a background with the Hex color 45A3B3.

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](#).

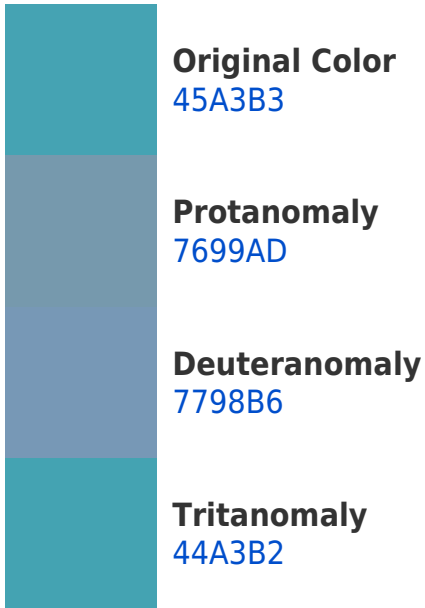
Dichromacy



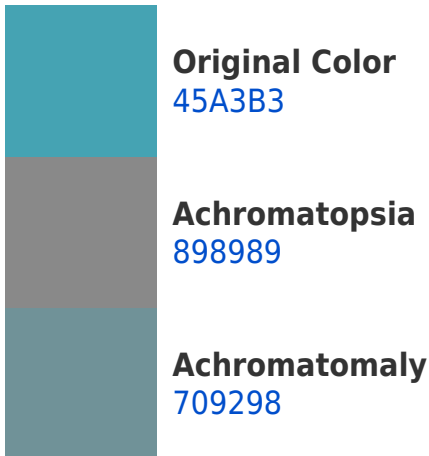


Tritanopia
44A3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45A3B3 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 #45A3B3 looks like.

```
.text, #text, p{  
    color:#45A3B3  
}
```

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 #45A3B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A3B3
}
```

Border

The CSS property to change the border of an element to Hex 45A3B3 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
#45A3B3 }
```

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

```
.border{ border-color:#45A3B3 }
```

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

Here you see how a box with a 4 pixel #45A3B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A3B3; -webkit-box-shadow:4px 4px  
4px 4px #45A3B3; box-shadow:4px 4px 4px  
4px #45A3B3 }
```

Background

The CSS property to change the background color of an element to Hex 45A3B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A3B3 }
```

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

```
.background{ background-color:#45A3B3 }
```

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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