

Converting Colors

Hex(45AEA0)

Have a look what the booklet for
Hex(45AEA0) contains.

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Color

Hex(45AEA0)

Conversions

Conversions Part 1

Format	Color
Hex	45AEA0
RGB	69, 174, 160
RGB Percent	27%, 68%, 63%
CMY	0.7294, 0.3176, 0.3725
CMYK	0.60, 0.00, 0.08, 0.32
HSL	172°, 43%, 48%
HSV	172°, 60%, 68%
XYZ	23.9355, 34.0754, 38.5734
YIQ	141.0090, -58.0860, -26.6140

Conversions

Conversions Part 2

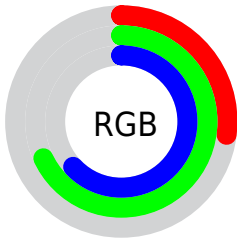
Format	Color
RYB	69, 125, 174
Decimal	4566688
CIELab	65.02, -33.49, -1.82
CIElCh	65, 33.538, 183.115
Yxy	34.0754, 0.2478, 0.3528
Android (android.graphics.Color)	4282756768 (0xFF45AEA0)
YUV	141.0090, 9.3626, -63.1519
Hunter-Lab	58.3741, -28.9634, 1.6833

Details

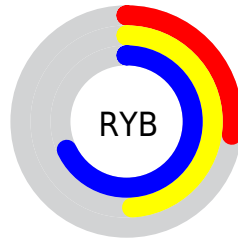
The Hex color **45AEA0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE4553**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **80E6D7**, and **00796D** is the 20% darker color. If you saturate the color by 10%, you get **34AE9E**, and if you desaturate by 10%, it is **56AEA2**.

Distribution



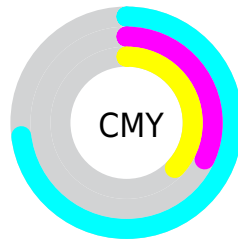
- Red (27%)
- Green (68%)
- Blue (63%)



- Red (27%)
- Yellow (49%)
- Blue (68%)



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)



- Cyan (73%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45AEA0 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 45AEA0 by changing the saturation by 10% instead.

 45AEA0

 45AEA0

FFFFFF

 229386

 80E6D7

 00796D

 9DFFF3

 006054

 B9FFFF

 00473D

 D7FFFF

 003028

 F5FFFF

 001B13

 000000

 45AEA0

 45AEA0

 34AE9E

 56AEA2

■ 22AE9B

■ 68AEA5

■ 11AE99

■ 79AEA7

■ 00AE97

■ 8BAEA9

■ 9CAEAC

■ ADAEAE

■ BFAEB0

■ D0AEB3

■ E2AEB5

Harmonies

Analogous

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



6BAC82



45AEA0



2BADBE

Triad

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



45AEA0



A695D0



C89369

Complementary

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



45AEA0



AE4553

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.



D78A7F



45AEA0



C68BB9

Square

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



45AEA0



79A0D9



D7879C



AF9D61

Rectangle

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



45AEA0



39AACD



D7879C



CE8F6F

Sweetspot

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



45AEA0



BAE3DE



53AE45



5A736F



F2F2F2



737373

Same Dimension

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



45AEA0



40E3CD



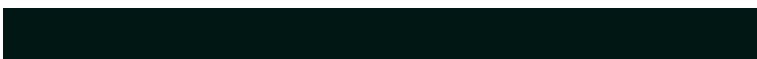
4588AE



4E5756



009682



001714

Inverse Universe

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



AE4553



E34055



AE6C45



574E4F



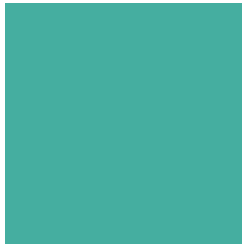
960014



170003

Previews

White Background



This preview shows how the Hex color 45AEA0 looks on a white background.

Color Contrast Check

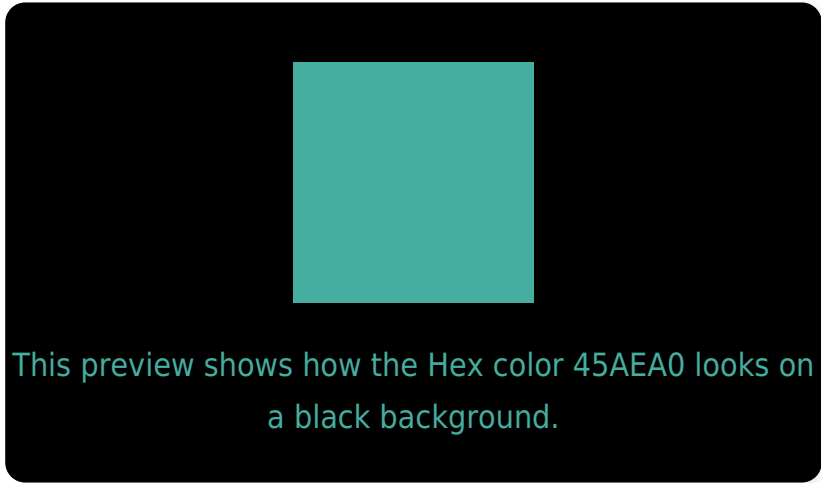
Large Text (above 18pt) WCAG AA × Fail

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

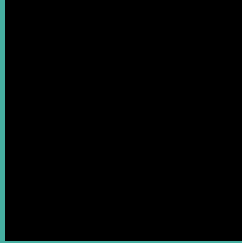
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

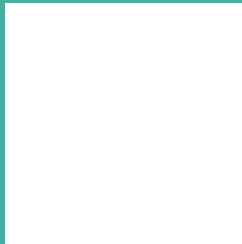
Any Text WCAG AAA ✓ Pass

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

Hex 45AEA0 Background



This preview shows how black text looks on a background with the Hex color 45AEA0.

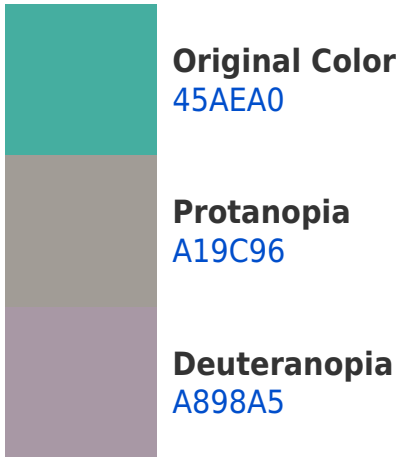


This preview shows how white text looks on a background with the Hex color 45AEA0.

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
4FAAB8

Trichromacy



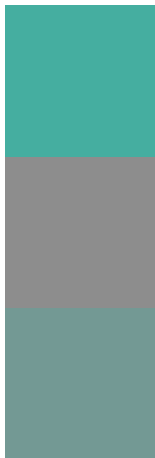
Original Color
45AEA0

Protanomaly
80A39A

Deuteranomaly
84A0A3

Tritanomaly
4BABAFA

Monochromacy



Original Color
45AEA0

Achromatopsia
8D8D8D

Achromatomaly
739994

CSS Examples

Text

The CSS property to change the color of the text to Hex 45AEA0 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 #45AEA0 looks like.

```
.text, #text, p{  
    color:#45AEA0  
}
```

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 #45AEA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45AEA0  
}
```

Border

The CSS property to change the border of an element to Hex 45AEA0 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  
#45AEA0 }
```

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

```
.border{ border-color:#45AEA0 }
```

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

Here you see how a box with a 4 pixel #45AEA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45AEA0; -webkit-box-shadow:4px 4px  
4px 4px #45AEA0; box-shadow:4px 4px 4px  
4px #45AEA0 }
```

Background

The CSS property to change the background color of an element to Hex 45AEA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45AEA0 }
```

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

```
.background{ background-color:#45AEA0 }
```

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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