

Converting Colors

Hex(45B38A)

Have a look what the booklet for
Hex(45B38A) contains.

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Color

Hex(45B38A)

Conversions

Conversions Part 1

Format	Color
Hex	45B38A
RGB	69, 179, 138
RGB Percent	27%, 70%, 54%
CMY	0.7294, 0.2980, 0.4588
CMYK	0.61, 0.00, 0.23, 0.30
HSL	158°, 44%, 49%
HSV	158°, 61%, 70%
XYZ	23.1618, 35.3404, 29.6454
YIQ	141.4360, -52.3990, -36.0710

Conversions

Conversions Part 2

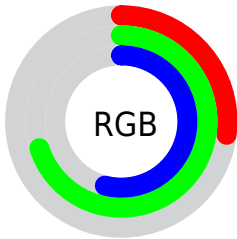
Format	Color
RYB	69, 137, 179
Decimal	4567946
CIELab	66.01, -41.20, 11.77
CIElCh	66, 42.846, 164.050
Yxy	35.3404, 0.2628, 0.4009
Android (android.graphics.Color)	4282758026 (0xFF45B38A)
YUV	141.4360, -1.6939, -63.5264
Hunter-Lab	59.4478, -34.4872, 12.0467

Details

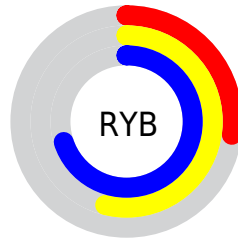
The Hex color **45B38A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B3456E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **80EBBF**, and **007D58** is the 20% darker color. If you saturate the color by 10%, you get **33B383**, and if you desaturate by 10%, it is **57B391**.

Distribution



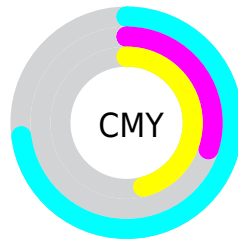
- Red (27%)
- Green (70%)
- Blue (54%)



- Red (27%)
- Yellow (54%)
- Blue (70%)



- Cyan (61%)
- Magenta (0%)
- Yellow (23%)
- Black (30%)



- Cyan (73%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45B38A 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 45B38A by changing the saturation by 10% instead.



45B38A



45B38A

FFFFFF



239871



80EBBF



007D58



9CFFDB



006441



B9FFF8



004B2A



D6FFFF



003316



F4FFFF



001D00



000000



45B38A



45B38A



33B383



57B391

 21B37D

 69B397

 0FB376

 7BB39E

 00B370

 8DB3A5

 9EB3AB

 B0B3B2

 C2B3B9

 D4B3BF

 E6B3C6

Harmonies

Analogous

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



7CAE67



45B38A



00B4B2

Triad

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



45B38A



839EEB



E28A6D

Complementary

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



45B38A



B3456E

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.



EA8190



45B38A



BB90D8

Square

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



45B38A



2EAAEA



DE84B7



CA9756

Rectangle

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



45B38A



00B3CA



DE84B7



E78677

Sweetspot

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



45B38A



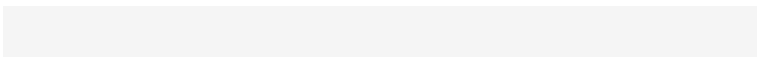
BEE8D8



6FB345



5B756C



F5F5F5



757575

Same Dimension

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



45B38A



3CE8A8



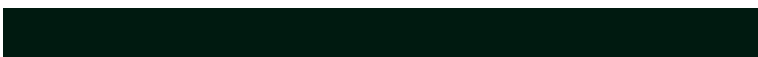
45A6B3



505956



009960



001A10

Inverse Universe

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



B3456E



E83C7C



B35245



595054



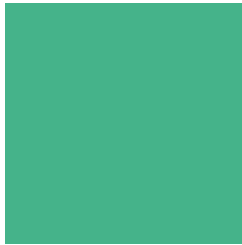
990039



1A000A

Previews

White Background



This preview shows how the Hex color 45B38A looks on a white background.

Color Contrast Check

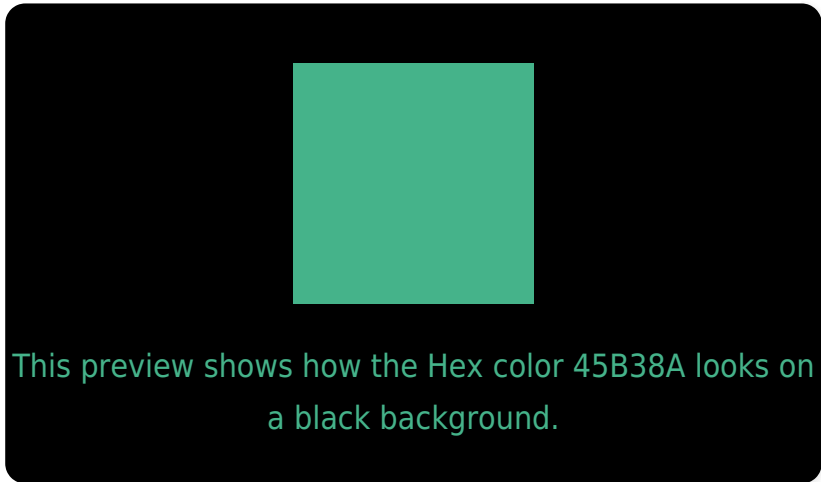
Large Text (above 18pt) WCAG AA × Fail

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

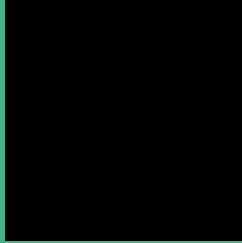
Any Text WCAG AA ✓ Pass

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 45B38A Background



This preview shows how black text looks on a background with the Hex color 45B38A.

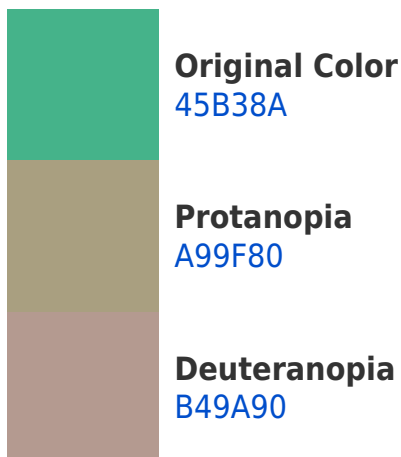


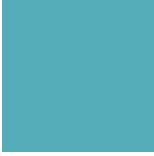
This preview shows how white text looks on a background with the Hex color 45B38A.

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
56ADBA

Trichromacy



Original Color
45B38A



Protanomaly
85A684



Deuteranomaly
8CA38E



Tritanomaly
50AFA9

Monochromacy



Original Color
45B38A



Achromatopsia
8D8D8D



Achromatomaly
739B8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 45B38A 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 #45B38A looks like.

```
.text, #text, p{  
    color:#45B38A  
}
```

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 #45B38A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45B38A
}
```

Border

The CSS property to change the border of an element to Hex 45B38A 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
#45B38A }
```

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

```
.border{ border-color:#45B38A }
```

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

Here you see how a box with a 4 pixel #45B38A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45B38A; -webkit-box-shadow:4px 4px  
4px 4px #45B38A; box-shadow:4px 4px 4px  
4px #45B38A }
```

Background

The CSS property to change the background color of an element to Hex 45B38A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45B38A }
```

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

```
.background{ background-color:#45B38A }
```

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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