

Converting Colors

Hex(45BA92)

Have a look what the booklet for
Hex(45BA92) contains.

Hex(45BA92)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(45BA92)

Conversions

Conversions Part 1

Format	Color
Hex	45BA92
RGB	69, 186, 146
RGB Percent	27%, 73%, 57%
CMY	0.7294, 0.2706, 0.4275
CMYK	0.63, 0.00, 0.22, 0.27
HSL	159°, 46%, 50%
HSV	159°, 63%, 73%
XYZ	25.2015, 38.4583, 33.2891
YIQ	146.4570, -56.8920, -37.2440

Conversions

Conversions Part 2

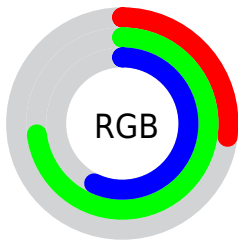
Format	Color
RYB	69, 140, 186
Decimal	4569746
CIELab	68.36, -42.39, 10.71
CIELCh	68, 43.722, 165.822
Yxy	38.4583, 0.2599, 0.3967
Android (android.graphics.Color)	4282759826 (0xFF45BA92)
YUV	146.4570, -0.2253, -67.9298
Hunter-Lab	62.0148, -35.9874, 11.5839

Details

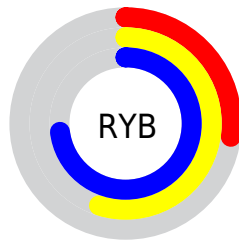
The Hex color **45BA92** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA456D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **81F3C8**, and **00845F** is the 20% darker color. If you saturate the color by 10%, you get **32BA8C**, and if you desaturate by 10%, it is **58BA98**.

Distribution



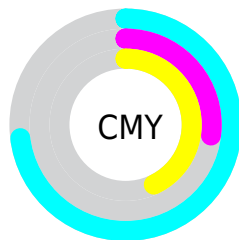
- Red (27%)
- Green (73%)
- Blue (57%)



- Red (27%)
- Yellow (55%)
- Blue (73%)



- Cyan (63%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)



- Cyan (73%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45BA92 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 45BA92 by changing the saturation by 10% instead.



45BA92



45BA92

FFFFFF



219F78



81F3C8



00845F



9EFFE4



006A48



BBFFFF



005131



D8FFFF



00391C



F6FFFF



002403



000000



45BA92



45BA92



32BA8C



58BA98

■ 20BA85

■ 6ABA9F

■ 0DBA7F

■ 7DBAA5

■ 00BA7A

■ 8FBAA8

■ A2BAB2

■ B5BAB8

■ C7BABF

■ DABAC5

■ ECBACB

Harmonies

Analogous

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



7EB56E



45BA92



00BBBB

Triad

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



45BA92



8DA3F3



E99070

Complementary

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



45BA92



BA456D

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.



F38793



45BA92



C594DE

Square

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



45BA92



3AB0F3



E789BB



CF9E5A

Rectangle

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



45BA92



00BAD4



E789BB



EE8C7A

Sweetspot

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



45BA92



C4F2E3



6EBA45



5E7A71



FAFAFA



7A7A7A

Same Dimension

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



45BA92



3DF2B4



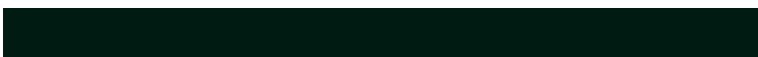
45A8BA



535C59



009C66



001C12

Inverse Universe

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



BA456D



F23D7B



BA5745



5C5356



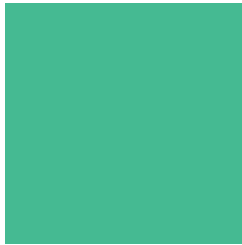
9C0035



1C000A

Previews

White Background



This preview shows how the Hex color 45BA92 looks on a white background.

Color Contrast Check

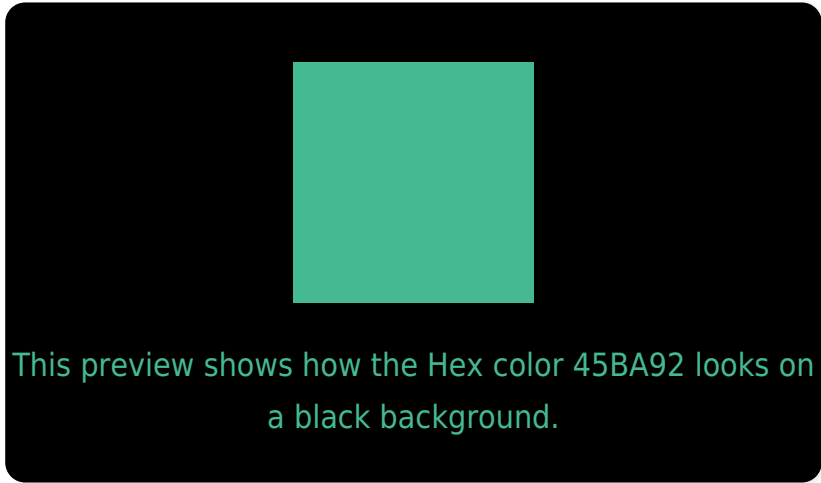
Large Text (above 18pt) WCAG AA × Fail

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

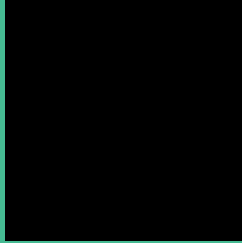
Any Text WCAG AA ✓ Pass

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 45BA92 Background



This preview shows how black text looks on a background with the Hex color 45BA92.

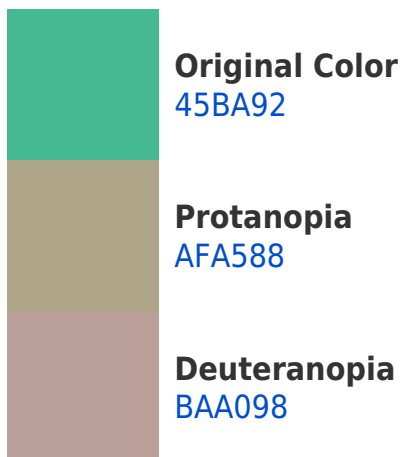


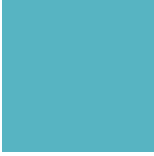
This preview shows how white text looks on a background with the Hex color 45BA92.

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
57B4C2

Trichromacy



Original Color
45BA92



Protanomaly
88AD8C



Deuteranomaly
8FA996



Tritanomaly
50B6B1

Monochromacy



Original Color
45BA92



Achromatopsia
929292



Achromatomaly
76A192

CSS Examples

Text

The CSS property to change the color of the text to Hex 45BA92 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 #45BA92 looks like.

```
.text, #text, p{  
    color:#45BA92  
}
```

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 #45BA92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45BA92
}
```

Border

The CSS property to change the border of an element to Hex 45BA92 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
#45BA92 }
```

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

```
.border{ border-color:#45BA92 }
```

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

Here you see how a box with a 4 pixel #45BA92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45BA92; -webkit-box-shadow:4px 4px  
4px 4px #45BA92; box-shadow:4px 4px 4px  
4px #45BA92 }
```

Background

The CSS property to change the background color of an element to Hex 45BA92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45BA92 }
```

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

```
.background{ background-color:#45BA92 }
```

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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