

Converting Colors

Hex(45AA90)

Have a look what the booklet for
Hex(45AA90) contains.

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Color

Hex(45AA90)

Conversions

Conversions Part 1

Format	Color
Hex	45AA90
RGB	69, 170, 144
RGB Percent	27%, 67%, 56%
CMY	0.7294, 0.3333, 0.4353
CMYK	0.59, 0.00, 0.15, 0.33
HSL	165°, 42%, 47%
HSV	165°, 59%, 67%
XYZ	21.8630, 32.0283, 31.4153
YIQ	136.8370, -51.8500, -29.4980

Conversions

Conversions Part 2

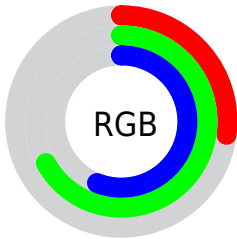
Format	Color
RYB	69, 127, 170
Decimal	4565648
CIELab	63.37, -35.74, 4.68
CIElCh	63, 36.045, 172.538
Yxy	32.0283, 0.2563, 0.3754
Android (android.graphics.Color)	4282755728 (0xFF45AA90)
YUV	136.8370, 3.5314, -59.4930
Hunter-Lab	56.5935, -30.0812, 6.7033

Details

The Hex color **45AA90** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA455F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7FE2C6**, and **00755E** is the 20% darker color. If you saturate the color by 10%, you get **34AA8C**, and if you desaturate by 10%, it is **56AA94**.

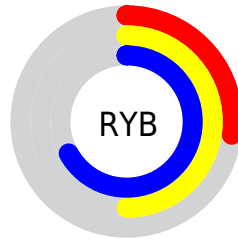
Distribution



Red (27%)

Green (67%)

Blue (56%)



Red (27%)

Yellow (50%)

Blue (67%)

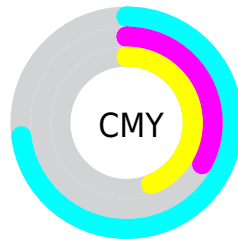


Cyan (59%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (73%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45AA90 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 45AA90 by changing the saturation by 10% instead.

 45AA90

 45AA90

FFFFFF

 248F76

 7FE2C6

 00755E

 9BFFE2

 005C46

 B8FFFE

 004430

 D5FFFF

 002D1B

 F2FFFF

 001400

 000000

 45AA90

 45AA90

 34AA8C

 56AA94

■ 23AA87

■ 67AA99

■ 12AA83

■ 78AA9D

■ 01AA7E

■ 89AAA2

■ 00AA7E

■ 9AAAA6

■ ABAAAA

■ BCAAAF

■ CDAAB3

■ DEAAB7

Harmonies

Analogous

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



71A671



45AA90



04AAB1

Triad

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



45AA90



9194D5



CD8A68

Complementary

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



45AA90



AA455F

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.



D88282



45AA90



BA88C1

Square

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



45AA90



5B9FD9



D281A3



B69559

Rectangle

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



45AA90



00A8C4



D281A3



D28670

Sweetspot

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



45AA90



B6DED4



60AA45



58706A



F0F0F0



707070

Same Dimension

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



45AA90



40DEB5



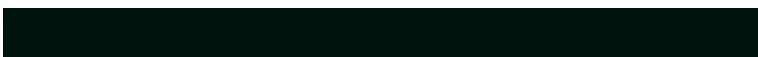
4592AA



4C5452



00946E



00140F

Inverse Universe

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



AA455F



DE4069



AA5D45



544C4E



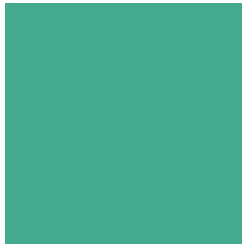
940026



140005

Previews

White Background



This preview shows how the Hex color 45AA90 looks on a white background.

Color Contrast Check

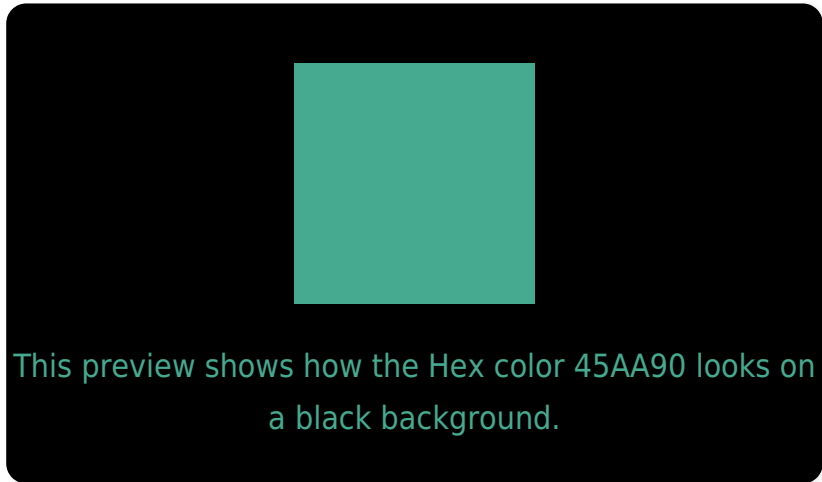
Large Text (above 18pt) WCAG AA × Fail

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

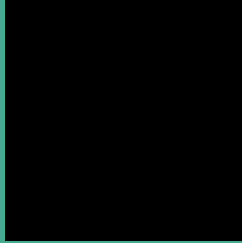
Any Text WCAG AA ✓ Pass

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 45AA90 Background



This preview shows how black text looks on a background with the Hex color 45AA90.

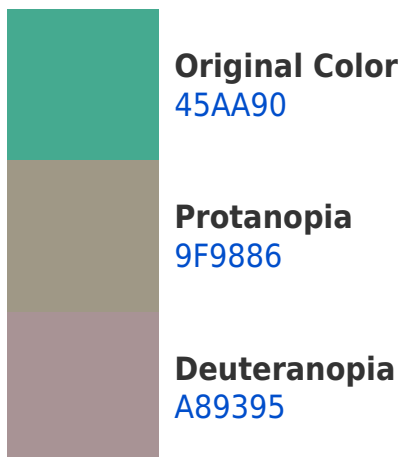


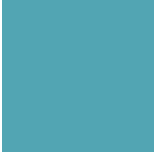
This preview shows how white text looks on a background with the Hex color 45AA90.

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
52A5B3

Trichromacy



Original Color
45AA90



Protanomaly
7E9F8A



Deuteranomaly
849B93



Tritanomaly
4DA7A6

Monochromacy



Original Color
45AA90



Achromatopsia
898989



Achromatomaly
70958C

CSS Examples

Text

The CSS property to change the color of the text to Hex 45AA90 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 #45AA90 looks like.

```
.text, #text, p{  
    color:#45AA90  
}
```

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 #45AA90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45AA90
}
```

Border

The CSS property to change the border of an element to Hex 45AA90 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
#45AA90 }
```

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

```
.border{ border-color:#45AA90 }
```

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

Here you see how a box with a 4 pixel #45AA90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45AA90; -webkit-box-shadow:4px 4px  
4px 4px #45AA90; box-shadow:4px 4px 4px  
4px #45AA90 }
```

Background

The CSS property to change the background color of an element to Hex 45AA90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45AA90 }
```

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

```
.background{ background-color:#45AA90 }
```

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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