

Converting Colors

Hex(45A982)

Have a look what the booklet for
Hex(45A982) contains.

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Color

Hex(45A982)

Conversions

Conversions Part 1

Format	Color
Hex	45A982
RGB	69, 169, 130
RGB Percent	27%, 66%, 51%
CMY	0.7294, 0.3373, 0.4902
CMYK	0.59, 0.00, 0.23, 0.34
HSL	157°, 42%, 47%
HSV	157°, 59%, 66%
XYZ	20.6715, 31.2528, 26.0620
YIQ	134.6540, -47.0810, -33.3290

Conversions

Conversions Part 2

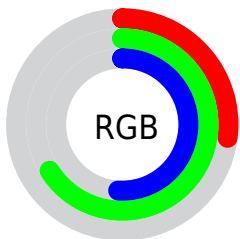
Format	Color
RYB	69, 131, 169
Decimal	4565378
CIELab	62.72, -38.63, 11.55
CIELCh	63, 40.315, 163.357
Yxy	31.2528, 0.2651, 0.4007
Android (android.graphics.Color)	4282755458 (0xFF45A982)
YUV	134.6540, -2.2944, -57.5786
Hunter-Lab	55.9042, -31.8292, 11.4926

Details

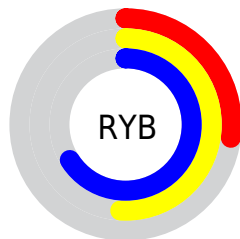
The Hex color **45A982** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A9456C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7EE1B7**, and **007451** is the 20% darker color. If you saturate the color by 10%, you get **34A97B**, and if you desaturate by 10%, it is **56A989**.

Distribution



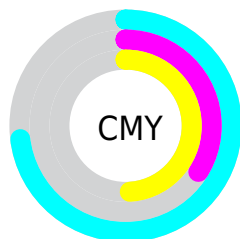
- Red (27%)
- Green (66%)
- Blue (51%)



- Red (27%)
- Yellow (51%)
- Blue (66%)



- Cyan (59%)
- Magenta (0%)
- Yellow (23%)
- Black (34%)



- Cyan (73%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A982 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 45A982 by changing the saturation by 10% instead.



45A982



45A982

FFFFFF



258E69



7EE1B7



007451



9AFED3



005B3A



B7FFEF



004224



D4FFFF



002C0F



F1FFFF



001100



000000



45A982



45A982



34A97B



56A989

■ 23A975

■ 67A98F

■ 12A96E

■ 78A996

■ 01A968

■ 89A99C

■ 00A967

■ 99A9A3

■ AAA9AA

■ BBA9B0

■ CCA9B7

■ DDA9BD

Harmonies

Analogous

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



77A462



45A982



00AAA7

Triad

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



45A982



7C96DD



D58268

Complementary

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



45A982



A9456C

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.



DC7B89



45A982



B088CC

Square

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



45A982



2EA1DC



D07DAD



BF8F53

Rectangle

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



45A982



00A9BE



D07DAD



DA7F72

Sweetspot

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



45A982



B4DBCC



6DA945



566E64



EDEDED



6E6E6E

Same Dimension

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



45A982



40DB9F



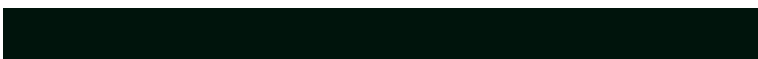
459FA9



4C5451



00945A



00140C

Inverse Universe

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



A9456C



DB407C



A94F45



544C4F



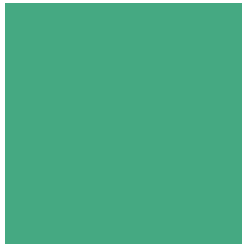
94003A



140008

Previews

White Background



This preview shows how the Hex color 45A982 looks on a white background.

Color Contrast Check

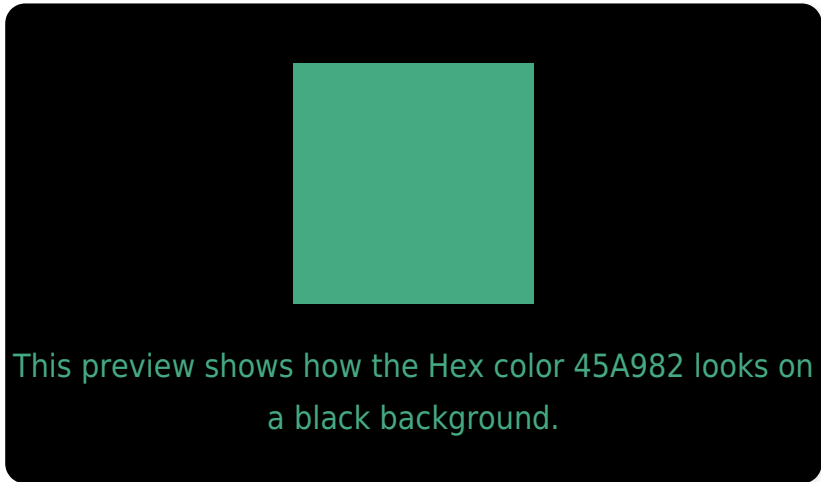
Large Text (above 18pt) WCAG AA × Fail

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

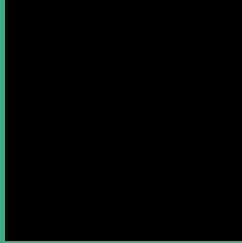
Any Text WCAG AA ✓ Pass

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 45A982 Background



This preview shows how black text looks on a background with the Hex color 45A982.

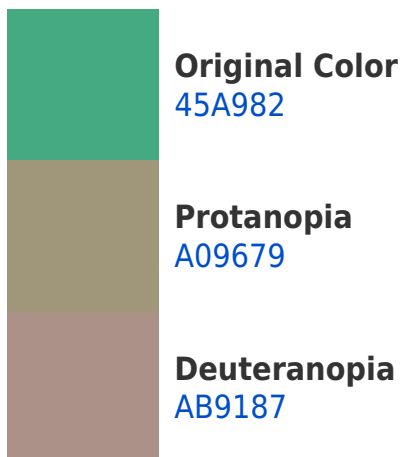


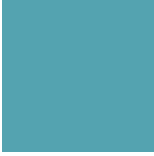
This preview shows how white text looks on a background with the Hex color 45A982.

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
54A3B0

Trichromacy



Original Color

45A982



Protanomaly

7F9D7C



Deuteranomaly

869A85



Tritanomaly

4FA59F

Monochromacy



Original Color

45A982



Achromatopsia

878787



Achromatomaly

6F9385

CSS Examples

Text

The CSS property to change the color of the text to Hex 45A982 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 #45A982 looks like.

```
.text, #text, p{  
    color:#45A982  
}
```

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 #45A982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A982
}
```

Border

The CSS property to change the border of an element to Hex 45A982 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
#45A982 }
```

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

```
.border{ border-color:#45A982 }
```

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

Here you see how a box with a 4 pixel #45A982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A982; -webkit-box-shadow:4px 4px  
4px 4px #45A982; box-shadow:4px 4px 4px  
4px #45A982 }
```

Background

The CSS property to change the background color of an element to Hex 45A982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A982 }
```

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

```
.background{ background-color:#45A982 }
```

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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