

Converting Colors

Hex(45AD86)

Have a look what the booklet for
Hex(45AD86) contains.

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Color

Hex(45AD86)

Conversions

Conversions Part 1

Format	Color
Hex	45AD86
RGB	69, 173, 134
RGB Percent	27%, 68%, 53%
CMY	0.7294, 0.3216, 0.4745
CMYK	0.60, 0.00, 0.23, 0.32
HSL	158°, 43%, 47%
HSV	158°, 60%, 68%
XYZ	21.7009, 32.8736, 27.7557
YIQ	137.4580, -49.4650, -34.1770

Conversions

Conversions Part 2

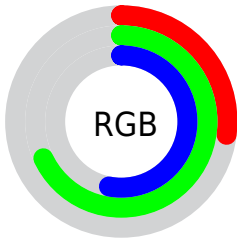
Format	Color
RYB	69, 133, 173
Decimal	4566406
CIELab	64.06, -39.48, 11.22
CIELCh	64, 41.045, 164.136
Yxy	32.8736, 0.2636, 0.3993
Android (android.graphics.Color)	4282756486 (0xFF45AD86)
YUV	137.4580, -1.7048, -60.0377
Hunter-Lab	57.3355, -32.7767, 11.4329

Details

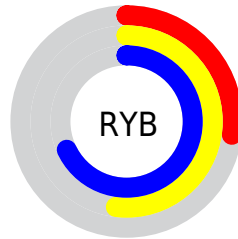
The Hex color **45AD86** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD456C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7FE5BB**, and **007854** is the 20% darker color. If you saturate the color by 10%, you get **34AD80**, and if you desaturate by 10%, it is **56AD8C**.

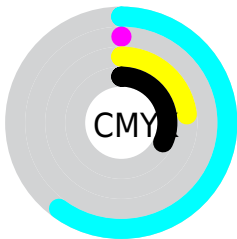
Distribution



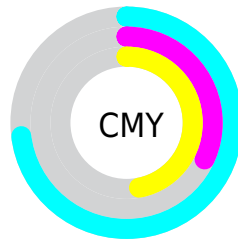
- Red (27%)
- Green (68%)
- Blue (53%)



- Red (27%)
- Yellow (52%)
- Blue (68%)



- Cyan (60%)
- Magenta (0%)
- Yellow (23%)
- Black (32%)



- Cyan (73%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45AD86 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 45AD86 by changing the saturation by 10% instead.

 45AD86

 45AD86

FFFFFF

 24926D

 7FE5BB

 007854

 9BFFD7

 005E3D

 B8FFF3

 004627

 D5FFFF

 002F13

 F2FFFF

 001700

 000000

 45AD86

 45AD86

 34AD80

 56AD8C

 22AD79

 68AD93

 11AD73

 79AD99

 00AD6C

 8AADA0

 9CADA6

 ADADAD

 BEADB3

 CFADBA

 E1ADC0

Harmonies

Analogous

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



78A865



45AD86



00AEAC

Triad

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



45AD86



8099E2



DA866A

Complementary

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



45AD86



AD456C

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.



E27E8B



45AD86



B58BD0

Square

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



45AD86



32A5E1



D680B0



C39255

Rectangle

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



45AD86



00ADC3



D680B0



DE8274

Sweetspot

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



45AD86



B8E0D1



6DAD45



587067



F0F0F0



707070

Same Dimension

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



45AD86



3FE0A4



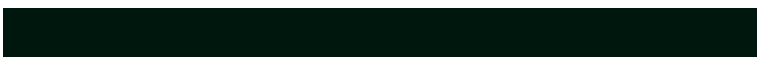
45A1AD



4E5753



00965E



00170E

Inverse Universe

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



AD456C



E03F7B



AD5145



574E51



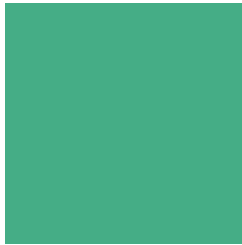
960038



170009

Previews

White Background



This preview shows how the Hex color 45AD86 looks on a white background.

Color Contrast Check

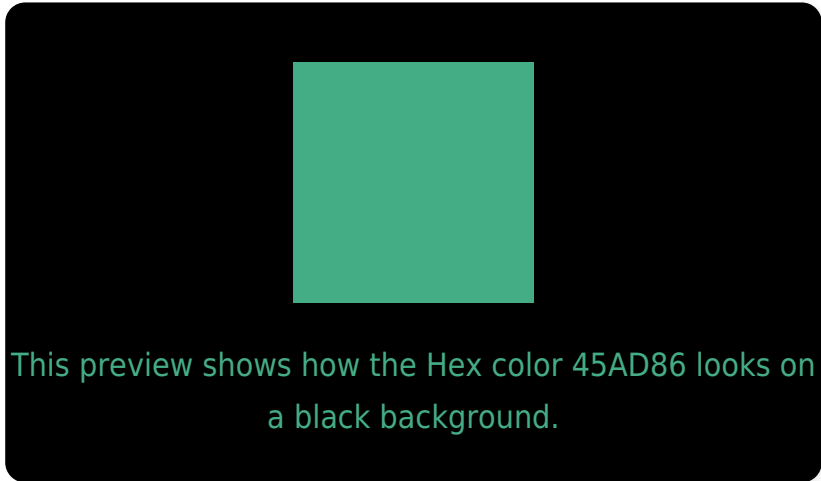
Large Text (above 18pt) WCAG AA × Fail

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

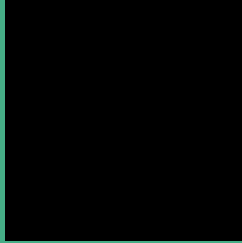
Any Text WCAG AA ✓ Pass

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 45AD86 Background



This preview shows how black text looks on a background with the Hex color 45AD86.

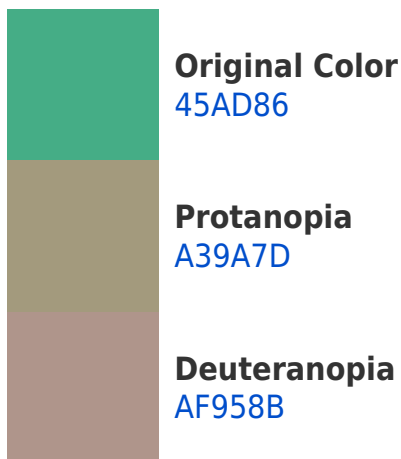


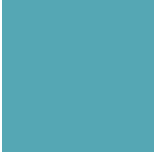
This preview shows how white text looks on a background with the Hex color 45AD86.

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](#).

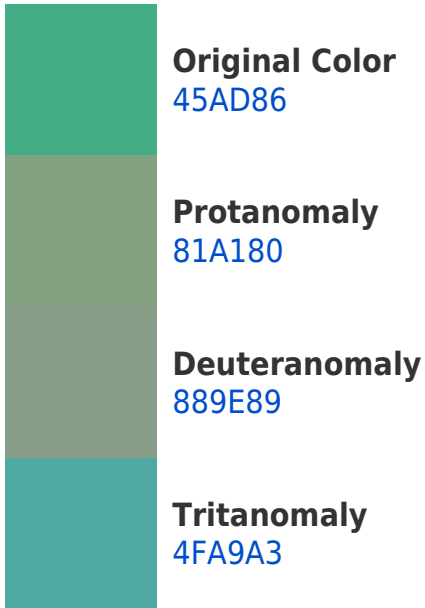
Dichromacy



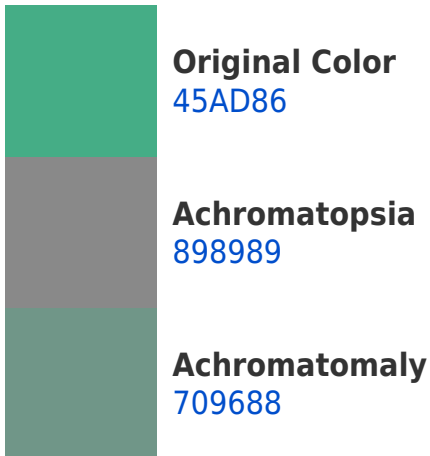


Tritanopia
55A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45AD86 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 #45AD86 looks like.

```
.text, #text, p{  
    color:#45AD86  
}
```

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 #45AD86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45AD86
}
```

Border

The CSS property to change the border of an element to Hex 45AD86 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
#45AD86 }
```

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

```
.border{ border-color:#45AD86 }
```

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

Here you see how a box with a 4 pixel #45AD86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45AD86; -webkit-box-shadow:4px 4px  
4px 4px #45AD86; box-shadow:4px 4px 4px  
4px #45AD86 }
```

Background

The CSS property to change the background color of an element to Hex 45AD86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45AD86 }
```

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

```
.background{ background-color:#45AD86 }
```

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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