

Converting Colors

Hex(46D59A)

Have a look what the booklet for
Hex(46D59A) contains.

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Color

Hex(46D59A)

Conversions

Conversions Part 1

Format	Color
Hex	46D59A
RGB	70, 213, 154
RGB Percent	27%, 84%, 60%
CMY	0.7255, 0.1647, 0.3961
CMYK	0.67, 0.00, 0.28, 0.16
HSL	155°, 63%, 55%
HSV	155°, 67%, 84%
XYZ	32.1528, 51.2237, 38.7644
YIQ	163.5170, -66.2890, -48.6650

Conversions

Conversions Part 2

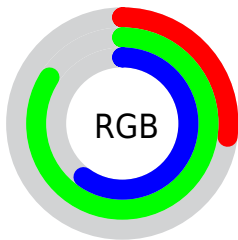
Format	Color
RYB	70, 160, 213
Decimal	4642202
CIELab	76.81, -51.67, 18.28
CIELCh	77, 54.810, 160.523
Yxy	51.2237, 0.2632, 0.4194
Android (android.graphics.Color)	4282832282 (0xFF46D59A)
YUV	163.5170, -4.6919, -82.0144
Hunter-Lab	71.5707, -45.0586, 17.9867

Details

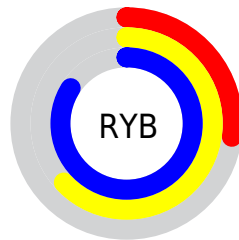
The Hex color **46D59A** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D54681**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **86FFD1**, and **009D67** is the 20% darker color. If you saturate the color by 10%, you get **31D591**, and if you desaturate by 10%, it is **5BD5A3**.

Distribution



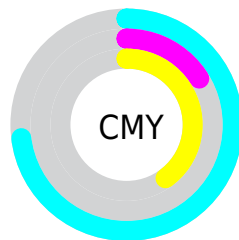
- Red (27%)
- Green (84%)
- Blue (60%)



- Red (27%)
- Yellow (63%)
- Blue (84%)



- Cyan (67%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)



- Cyan (73%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46D59A 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 46D59A by changing the saturation by 10% instead.

 46D59A

 46D59A

FFFFFF

 1BB980


 86FFD1

 009D67

 A4FFED

 00824E

 C2FFFF

 006837

 E0FFFF

 004F21

 00370C

 002000

 000000

 46D59A

 46D59A

 31D591

 5BD5A3

 1BD588

 71D5AC

 06D580

 86D5B4

 00D57D

 9BD5BD

 B1D5C6

 C6D5CF

 DBD5D8

 F0D5E0

 FFD5E9

Harmonies

Analogous

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



93CD6E



46D59A



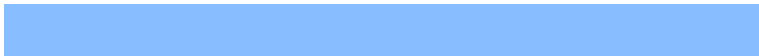
00D7CE

Triad

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



46D59A



88BDFE



FF9D7E

Complementary

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



46D59A



D54681

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.



FF93AE



46D59A



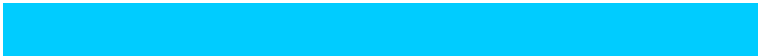
D9A9FF

Square

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



46D59A



00CCFF



FF98E1



F7AF5D

Rectangle

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



46D59A



00D6F0



FF98E1



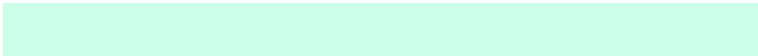
FF988D

Sweetspot

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



46D59A



CCFFEA



82D546



618073



000000



808080

Same Dimension

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



46D59A



30FFAA



46C9D5



606B67



00AB64



002B19

Inverse Universe

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



D54681



FF3086



D55246



6B6065



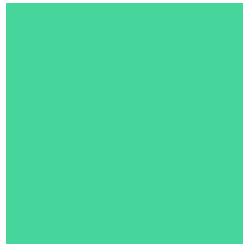
AB0046



2B0012

Previews

White Background



This preview shows how the Hex color 46D59A looks on a white background.

Color Contrast Check

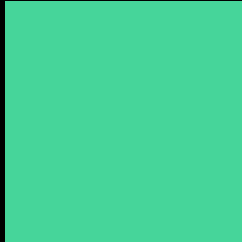
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 46D59A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

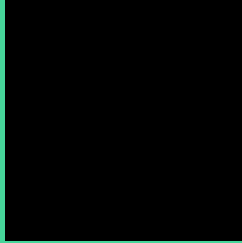
Any Text WCAG AA ✓ Pass

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 46D59A Background



This preview shows how black text looks on a background with the Hex color 46D59A.

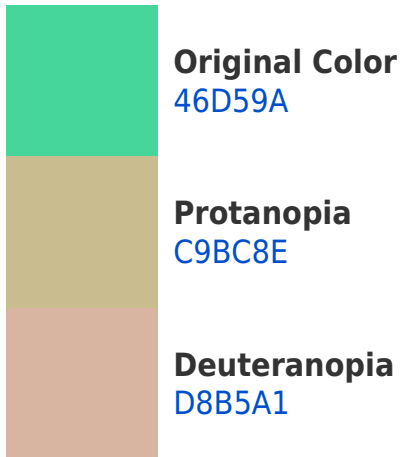


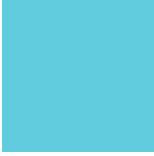
This preview shows how white text looks on a background with the Hex color 46D59A.

Color Blindness Simulation

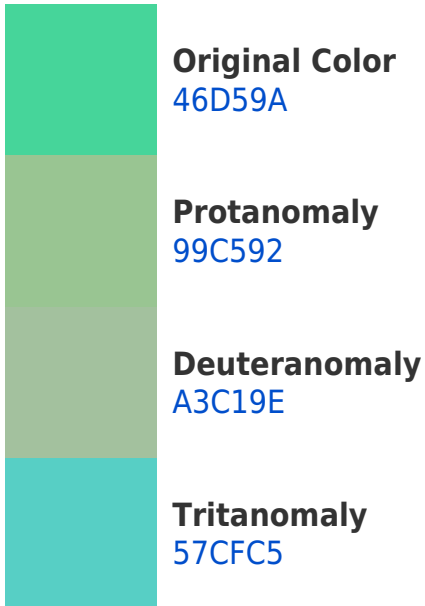
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

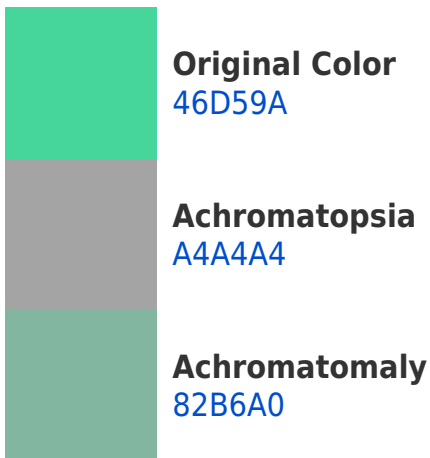




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46D59A 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 #46D59A looks like.

```
.text, #text, p{  
    color:#46D59A  
}
```

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 #46D59A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46D59A
}
```

Border

The CSS property to change the border of an element to Hex 46D59A 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
#46D59A }
```

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

```
.border{ border-color:#46D59A }
```

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

Here you see how a box with a 4 pixel #46D59A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46D59A; -webkit-box-shadow:4px 4px  
4px 4px #46D59A; box-shadow:4px 4px 4px  
4px #46D59A }
```

Background

The CSS property to change the background color of an element to Hex 46D59A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46D59A }
```

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

```
.background{ background-color:#46D59A }
```

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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