

Converting Colors

Hex(46D89E)

Have a look what the booklet for
Hex(46D89E) contains.

Hex(46D89E)	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(46D89E)

Conversions

Conversions Part 1

Format	Color
Hex	46D89E
RGB	70, 216, 158
RGB Percent	27%, 85%, 62%
CMY	0.7255, 0.1529, 0.3804
CMYK	0.68, 0.00, 0.27, 0.15
HSL	156°, 65%, 56%
HSV	156°, 68%, 85%
XYZ	33.2532, 52.8824, 40.8025
YIQ	165.7340, -68.3980, -48.9900

Conversions

Conversions Part 2

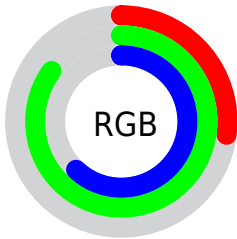
Format	Color
RYB	70, 161, 216
Decimal	4642974
CIELab	77.81, -52.02, 17.54
CIELCh	78, 54.895, 161.363
Yxy	52.8824, 0.2620, 0.4166
Android (android.graphics.Color)	4282833054 (0xFF46D89E)
YUV	165.7340, -3.8129, -83.9587
Hunter-Lab	72.7203, -45.6369, 17.6373

Details

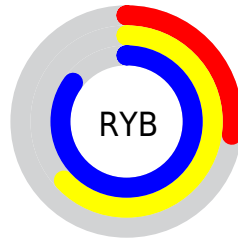
The Hex color **46D89E** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D84680**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **86FFD5**, and **00A06A** is the 20% darker color. If you saturate the color by 10%, you get **30D895**, and if you desaturate by 10%, it is **5CD8A7**.

Distribution



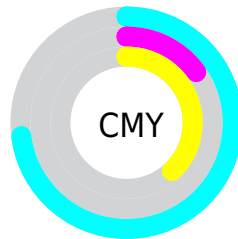
- Red (27%)
- Green (85%)
- Blue (62%)



- Red (27%)
- Yellow (63%)
- Blue (85%)



- Cyan (68%)
- Magenta (0%)
- Yellow (27%)
- Black (15%)



- Cyan (73%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46D89E 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 46D89E by changing the saturation by 10% instead.

 46D89E

 46D89E

FFFFFF

 19BC84

 86FFD5

 00A06A

 A4FFF1

 008552

 C3FFFF

 006B3B

 E1FFFF

 005125

 003910

 002200

 000000

 46D89E

 46D89E

 30D895

 5CD8A7

 1BD88D

 71D8AF

 05D884

 87D8B8

 00D882

 9CD8C0

 B2D8C9

 C8D8D1

 DDD8DA

 F3D8E3

 FFD8EB

Harmonies

Analogous

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



94D171



46D89E



00DAD3

Triad

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



46D89E



8EBFFF



FFA07F

Complementary

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



46D89E



D84680

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.



FF96AF



46D89E



DEABFF

Square

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



46D89E



00CFFF



FF9AE2



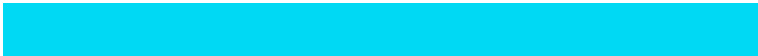
F9B25F

Rectangle

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



46D89E



00D9F4



FF9AE2



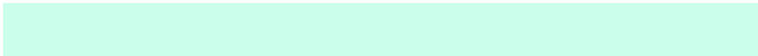
FF9B8E

Sweetspot

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



46D89E



CCFFEB



80D846



618073



000000



808080

Same Dimension

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



46D89E



30FFAD



46C9D8



606B67



00AB67



002B1A

Inverse Universe

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



D84680



FF3083



D85546



6B6065



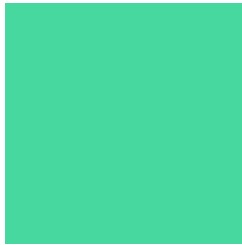
AB0044



2B0011

Previews

White Background



This preview shows how the Hex color 46D89E 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 46D89E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

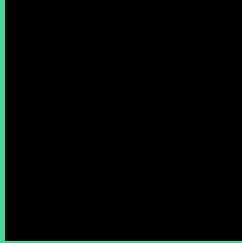
Any Text WCAG AA ✓ Pass

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 46D89E Background



This preview shows how black text looks on a background with the Hex color 46D89E.

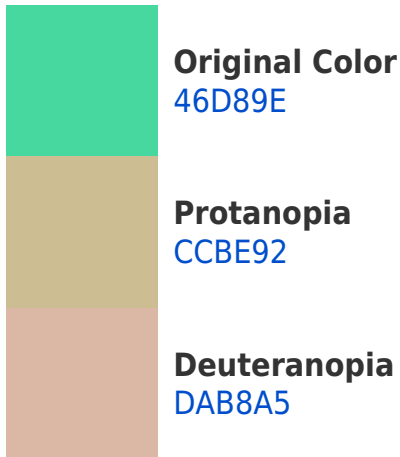


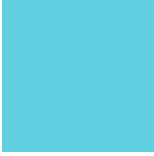
This preview shows how white text looks on a background with the Hex color 46D89E.

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](#).

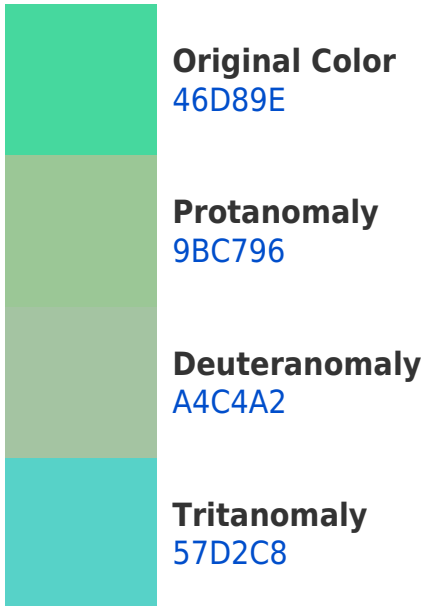
Dichromacy





Tritanopia
60CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46D89E 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 #46D89E looks like.

```
.text, #text, p{  
    color:#46D89E  
}
```

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 #46D89E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46D89E
}
```

Border

The CSS property to change the border of an element to Hex 46D89E 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
#46D89E }
```

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

```
.border{ border-color:#46D89E }
```

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

Here you see how a box with a 4 pixel #46D89E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46D89E; -webkit-box-shadow:4px 4px  
4px 4px #46D89E; box-shadow:4px 4px 4px  
4px #46D89E }
```

Background

The CSS property to change the background color of an element to Hex 46D89E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46D89E }
```

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

```
.background{ background-color:#46D89E }
```

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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