

Converting Colors

Hex(41816A)

Have a look what the booklet for
Hex(41816A) contains.

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Color

Hex(41816A)

Conversions

Conversions Part 1

Format	Color
Hex	41816A
RGB	65, 129, 106
RGB Percent	25%, 51%, 42%
CMY	0.7451, 0.4941, 0.5843
CMYK	0.50, 0.00, 0.18, 0.49
HSL	158°, 33%, 38%
HSV	158°, 50%, 51%
XYZ	12.6317, 17.8649, 16.4182
YIQ	107.2420, -30.7610, -20.7210

Conversions

Conversions Part 2

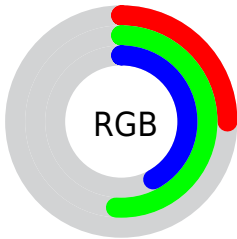
Format	Color
RYB	65, 104, 129
Decimal	4292970
CIELab	49.33, -26.44, 6.19
CIELCh	49, 27.158, 166.826
Yxy	17.8649, 0.2692, 0.3808
Android (android.graphics.Color)	4282483050 (0xFF41816A)
YUV	107.2420, -0.6123, -37.0462
Hunter-Lab	42.2669, -20.6213, 6.5562

Details

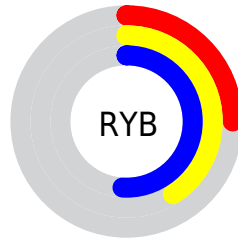
The Hex color **41816A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **814158**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **75B69D**, and **064F3B** is the 20% darker color. If you saturate the color by 10%, you get **348165**, and if you desaturate by 10%, it is **4E816F**.

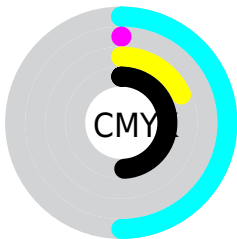
Distribution



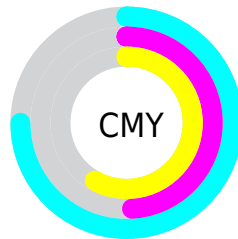
- Red (25%)
- Green (51%)
- Blue (42%)



- Red (25%)
- Yellow (41%)
- Blue (51%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (49%)



- Cyan (75%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41816A 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 41816A by changing the saturation by 10% instead.

 41816A

 41816A

FFFFFF

 276852

 75B69D

 064F3B

 90D2B8

 003825

 ABEED4

 002310

 C7FFF0

 000000

 E4FFFF

 41816A

 41816A

 348165

 4E816F

 278161

 5B8173

■ 1A815C

■ 688178

■ 0D8157

■ 75817D

■ 018153

■ 828181

■ 008153

■ 8E8186

■ 9B818A

■ A8818F

■ B58194

Harmonies

Analogous

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



5E7E55



41816A



258282

Triad

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



41816A



6973A1



9D6955

Complementary

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



41816A



814158

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.



A36469



41816A



886B95

Square

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



41816A



447BA2



9C6580



8E7049

Rectangle

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



41816A



1D8190



9C6580



A0675B

Sweetspot

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



41816A



8FA89F



588141



45544F



D4D4D4



545454

Same Dimension

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



41816A



43A884



417881



39403D



008052



000000

Inverse Universe

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



814158



A84368



814A41



40393C



80002E



000000

Previews

White Background



This preview shows how the Hex color 41816A looks on a white background.

Color Contrast Check

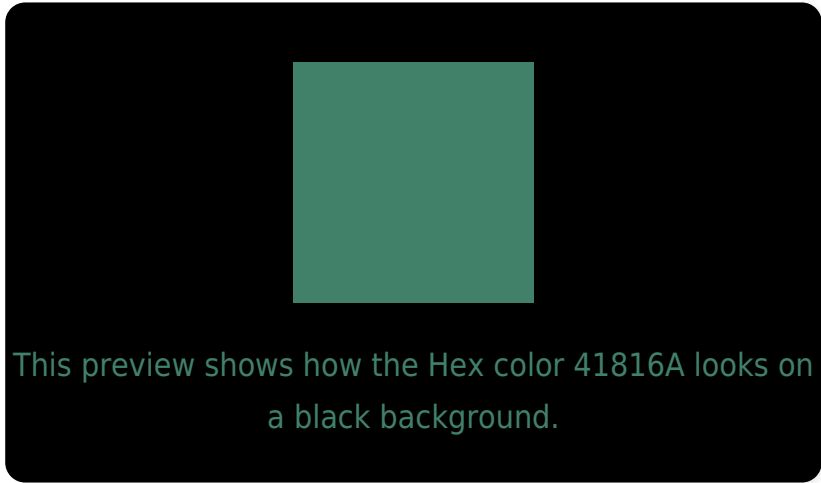
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

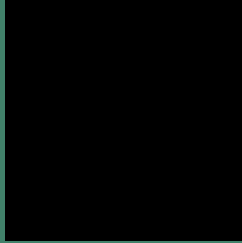
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 41816A Background



This preview shows how black text looks on a background with the Hex color 41816A.

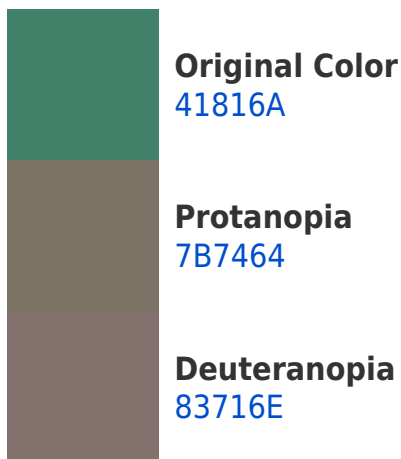



This preview shows how white text looks on a background with the Hex color 41816A.

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
497D87

Trichromacy



Original Color
41816A

Protanomaly
667966

Deuteranomaly
6B776D

Tritanomaly
467E7C

Monochromacy



Original Color
41816A

Achromatopsia
6B6B6B

Achromatomaly
5C736B

CSS Examples

Text

The CSS property to change the color of the text to Hex 41816A 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 #41816A looks like.

```
.text, #text, p{  
    color:#41816A  
}
```

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 #41816A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41816A
}
```

Border

The CSS property to change the border of an element to Hex 41816A 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".

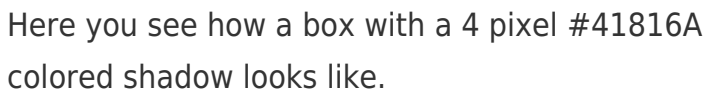
```
.border, #border, table{ border:4px solid
#41816A }
```

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

```
.border{ border-color:#41816A }
```

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

Here you see how a box with a 4 pixel #41816A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41816A; -webkit-box-shadow:4px 4px  
4px 4px #41816A; box-shadow:4px 4px 4px  
4px #41816A }
```

Background

The CSS property to change the background color of an element to Hex 41816A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41816A }
```

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

```
.background{ background-color:#41816A }
```

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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