

# Converting Colors

Hex(41A276)

Have a look what the booklet for  
Hex(41A276) contains.

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# Color

Hex(41A276)

# Conversions

## Conversions Part 1

Format	Color
Hex	41A276
RGB	65, 162, 118
RGB Percent	25%, 64%, 46%
CMY	0.7451, 0.3647, 0.5373
CMYK	0.60, 0.00, 0.27, 0.36
HSL	153°, 43%, 45%
HSV	153°, 60%, 64%
XYZ	18.3703, 28.2725, 21.6285
YIQ	127.9810, -43.6880, -34.2480

# Conversions

## Conversions Part 2

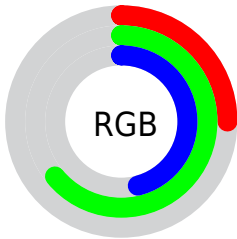
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 128, 162
Decimal	4301430
CIELab	60.13, -39.08, 14.57
CIElCh	60, 41.705, 159.551
Yxy	28.2725, 0.2691, 0.4141
Android (android.graphics.Color)	4282491510 (0xFF41A276)
YUV	127.9810, -4.9206, -55.2343
Hunter-Lab	53.1719, -31.3809, 13.1032

# Details

The Hex color **41A276** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A2416D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7ADAAA**, and **006D45** is the 20% darker color. If you saturate the color by 10%, you get **31A26F**, and if you desaturate by 10%, it is **51A27D**.

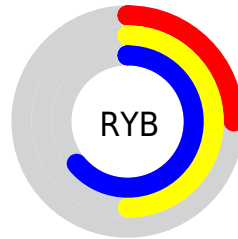
# Distribution



Red (25%)

Green (64%)

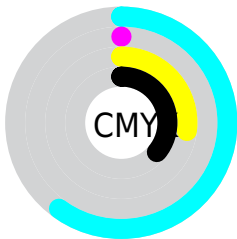
Blue (46%)



Red (25%)

Yellow (50%)

Blue (64%)

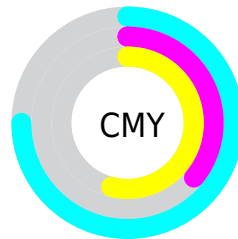


Cyan (60%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (75%)

Magenta (36%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41A276 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 41A276 by changing the saturation by 10% instead.





41A276



41A276

FFFFFF



21875D



7ADAAA



006D45



96F6C6



00542F



B2FFE2



003C1A



CFFFE2



002700



ECFFFF



000100



000000



41A276



41A276



31A26F



51A27D

■ 21A267

■ 61A285

■ 10A260

■ 72A28C

■ 00A259

■ 82A293

■ 92A29B

■ A2A2A2

■ B2A2A9

■ C3A2B1

■ D3A2B8

# Harmonies

## Analogous

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



749C56



41A276



00A49C

# Triad

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



41A276



6A91D9



D17964

# Complementary

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



41A276



A2416D

# 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.



D67386



41A276



A483CA

# Square

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



41A276



009CD5



C877AB



BC864C

# Rectangle

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



41A276



00A3B4



C877AB



D5766F



# Sweetspot

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



41A276



AED4C2



6EA241



546B60



EBEBEB



6B6B6B



# Same Dimension

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



41A276



3BD48F



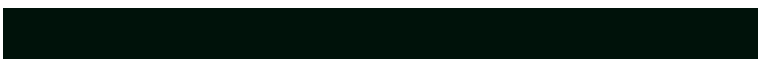
419FA2



49524E



00914F



00120A



# Inverse Universe

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



A2416D



D43B80



A24441



52494D



910042



120008



# Previews

## White Background



This preview shows how the Hex color 41A276 looks on a white background.

## Color Contrast Check

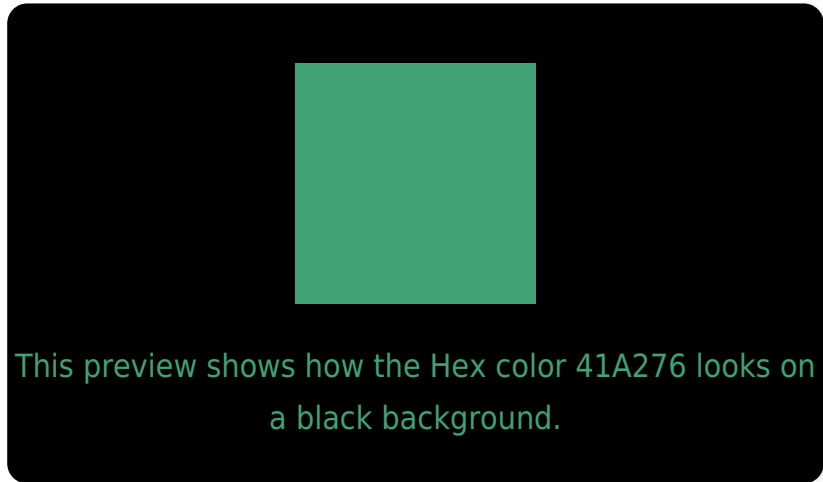
Large Text (above 18pt) WCAG AA ✓ Pass

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

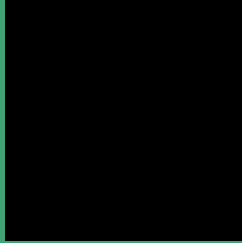
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 41A276 Background



This preview shows how black text looks on a background with the Hex color 41A276.

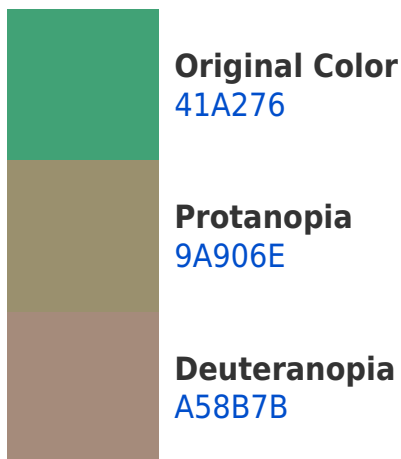


This preview shows how white text looks on a background with the Hex color 41A276.

# 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**  
519BA8

# Trichromacy



**Original Color**  
41A276



**Protanomaly**  
7A9771



**Deuteranomaly**  
819379



**Tritanomaly**  
4B9E96

# Monochromacy



**Original Color**  
41A276



**Achromatopsia**  
808080



**Achromatomaly**  
698C7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41A276 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 #41A276 looks like.

```
.text, #text, p{  
    color:#41A276  
}
```

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 #41A276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A276
}
```

## Border

The CSS property to change the border of an element to Hex 41A276 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
#41A276 }
```

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

```
.border{ border-color:#41A276 }
```

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

Here you see how a box with a 4 pixel #41A276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A276; -webkit-box-shadow:4px 4px  
4px 4px #41A276; box-shadow:4px 4px 4px  
4px #41A276 }
```

# Background

The CSS property to change the background color of an element to Hex 41A276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A276 }
```

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

```
.background{ background-color:#41A276 }
```

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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