

Converting Colors

Hex(71A276)

Have a look what the booklet for
Hex(71A276) contains.

Hex(71A276)	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(71A276)

Conversions

Conversions Part 1

Format	Color
Hex	71A276
RGB	113, 162, 118
RGB Percent	44%, 64%, 46%
CMY	0.5569, 0.3647, 0.5373
CMYK	0.30, 0.00, 0.27, 0.36
HSL	126°, 21%, 54%
HSV	126°, 30%, 64%
XYZ	23.0004, 30.6594, 21.8451
YIQ	142.3330, -15.0800, -24.0720

Conversions

Conversions Part 2

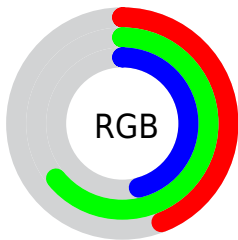
Format	Color
RYB	113, 157, 162
Decimal	7447158
CIELab	62.22, -25.57, 17.78
CIElCh	62, 31.144, 145.193
Yxy	30.6594, 0.3046, 0.4061
Android (android.graphics.Color)	4285637238 (0xFF71A276)
YUV	142.3330, -11.9962, -25.7250
Hunter-Lab	55.3709, -22.7524, 15.3683

Details

The Hex color **71A276** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A2719D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A6D9AA**, and **3F6E45** is the 20% darker color. If you saturate the color by 10%, you get **61A267**, and if you desaturate by 10%, it is **81A285**.

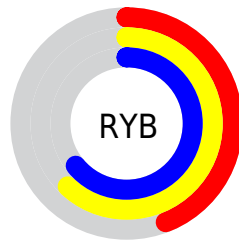
Distribution



Red (44%)

Green (64%)

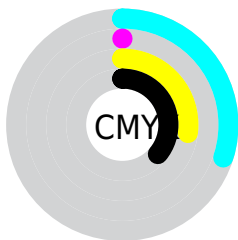
Blue (46%)



Red (44%)

Yellow (62%)

Blue (64%)

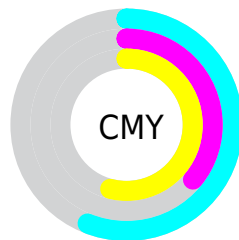


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A276 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 71A276 by changing the saturation by 10% instead.

 71A276

 71A276

FFFFFF

 58885D

 A6D9AA

 3F6E45

 C2F6C6

 27552F

 DEFFE2

 0D3E19

 FBFFE

 002700

 000F00

 000000


 71A276

 71A276

 61A267

 81A285

 51A259

 91A293

 40A24A

 A2A2A2

 30A23C

 B2A2B0

 20A22D

 C2A2BF

 10A21F

 D2A2CD

 00A211

 E2A2DC

 F3A2EA

 FFA2F9

Harmonies

Analogous

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



919C64



71A276



4FA591

Triad

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



71A276



699ACD



CD8380

Complementary

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



71A276



A2719D

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.



C9829C



71A276



9491C8

Square

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



71A276



40A1C3



B587B6



C28A6A

Rectangle

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



71A276



3BA5A4



B587B6



CD8289

Sweetspot

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



71A276



C1D4C3



9DA271



5F6B61



EBEBEB



6B6B6B

Same Dimension

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



71A276



87D48F



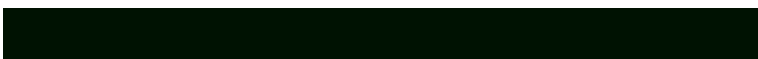
71A28E



49524A



00910F



001202

Inverse Universe

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



A2719D



D487CC



A27185



524951



910083



120010

Previews

White Background



This preview shows how the Hex color 71A276 looks on a white background.

Color Contrast Check

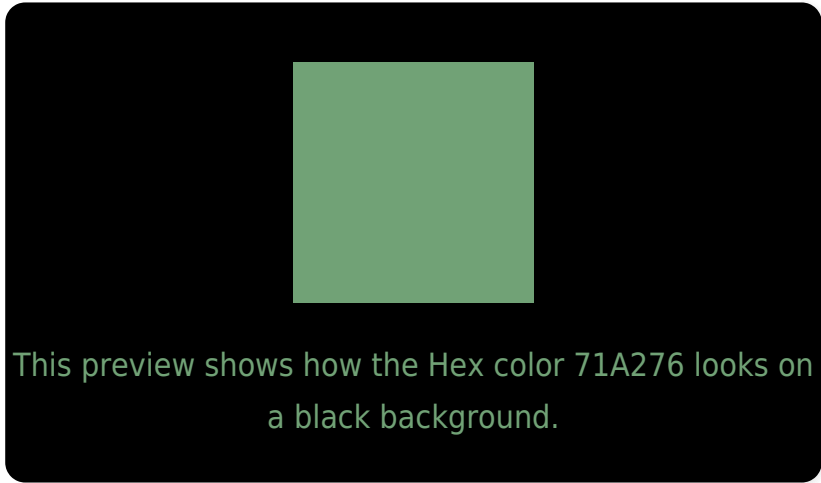
Large Text (above 18pt) WCAG AA × Fail

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

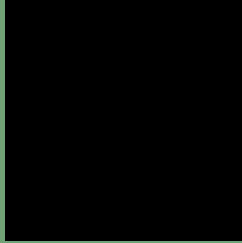
Any Text WCAG AA ✓ Pass

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 71A276 Background



This preview shows how black text looks on a background with the Hex color 71A276.

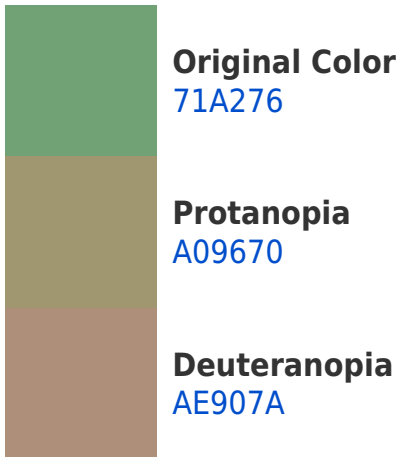


This preview shows how white text looks on a background with the Hex color 71A276.

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](#).

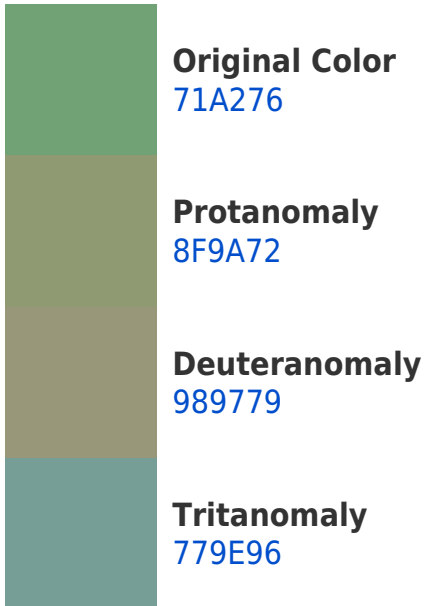
Dichromacy



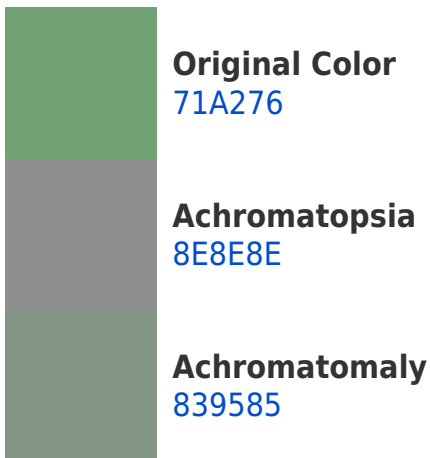


Tritanopia
7A9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A276 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 #71A276 looks like.

```
.text, #text, p{  
    color:#71A276  
}
```

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 #71A276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A276
}
```

Border

The CSS property to change the border of an element to Hex 71A276 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
#71A276 }
```

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

```
.border{ border-color:#71A276 }
```

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

Here you see how a box with a 4 pixel #71A276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A276; -webkit-box-shadow:4px 4px  
4px 4px #71A276; box-shadow:4px 4px 4px  
4px #71A276 }
```

Background

The CSS property to change the background color of an element to Hex 71A276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A276 }
```

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

```
.background{ background-color:#71A276 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor