

Converting Colors

Hex(71A288)

Have a look what the booklet for
Hex(71A288) contains.

Hex(71A288)	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(71A288)

Conversions

Conversions Part 1

Format	Color
Hex	71A288
RGB	113, 162, 136
RGB Percent	44%, 64%, 53%
CMY	0.5569, 0.3647, 0.4667
CMYK	0.30, 0.00, 0.16, 0.36
HSL	148°, 21%, 54%
HSV	148°, 30%, 64%
XYZ	24.1743, 31.1289, 28.0269
YIQ	144.3850, -20.8580, -18.4740

Conversions

Conversions Part 2

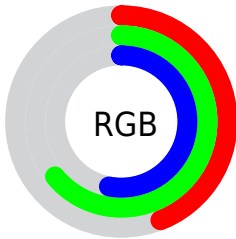
Format	Color
RYB	113, 146, 162
Decimal	7447176
CIELab	62.62, -22.07, 8.32
CIElCh	63, 23.587, 159.341
Yxy	31.1289, 0.2901, 0.3736
Android (android.graphics.Color)	4285637256 (0xFF71A288)
YUV	144.3850, -4.1338, -27.5246
Hunter-Lab	55.7933, -20.2972, 9.2719

Details

The Hex color **71A288** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A2718B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A6D9BD**, and **3F6E56** is the 20% darker color. If you saturate the color by 10%, you get **61A27F**, and if you desaturate by 10%, it is **81A291**.

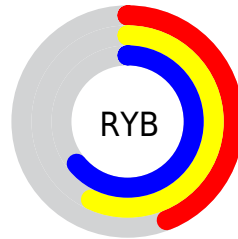
Distribution



Red (44%)

Green (64%)

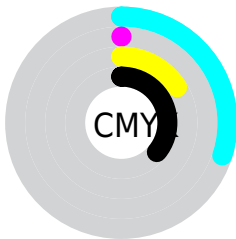
Blue (53%)



Red (44%)

Yellow (57%)

Blue (64%)

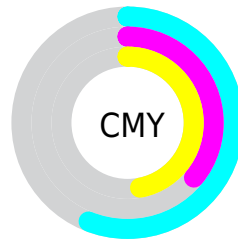


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A288 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 71A288 by changing the saturation by 10% instead.



71A288



71A288

FFFFFF



58886F



A6D9BD



3F6E56



C2F6D9



27563F



DEFFF6



0D3E29



FBFFF6



002815



001100



000000



71A288



71A288



61A27F



81A291

 51A277

 91A299

 40A26E

 A2A2A2

 30A266

 B2A2AA

 20A25D

 C2A2B3

 10A254

 D2A2BC

 00A24C

 E2A2C4

 F3A2CD

 FFA2D5

Harmonies

Analogous

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



899E77



71A288



5EA39D

Triad

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



71A288



8797C0



C08B7E

Complementary

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



71A288



A2718B

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.



C28892



71A288



A390B8

Square

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



71A288



6B9EBE



B88AA7



B39171

Rectangle

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



71A288



59A3AB



B88AA7



C18A84

Sweetspot

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



71A288



C1D4CA



8BA271



5F6B65



EBEBEB



6B6B6B

Same Dimension

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



71A288



87D4AB



71A2A0



49524D



009144



001208

Inverse Universe

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



A2718B



D487B0



A27173



52494E



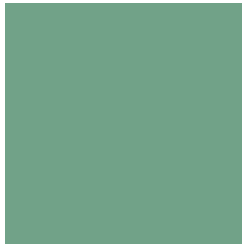
91004D



120009

Previews

White Background



This preview shows how the Hex color 71A288 looks on a white background.

Color Contrast Check

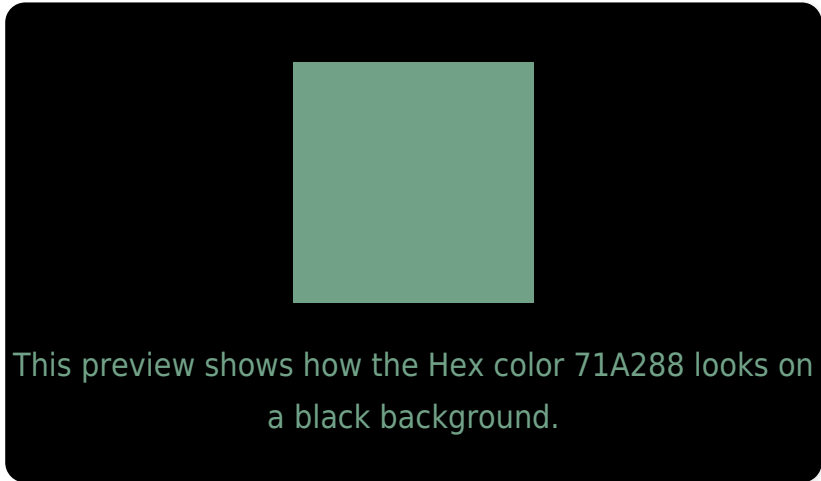
Large Text (above 18pt) WCAG AA × Fail

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

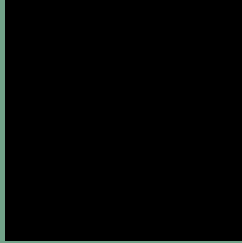
Any Text WCAG AA ✓ Pass

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 71A288 Background



This preview shows how black text looks on a background with the Hex color 71A288.

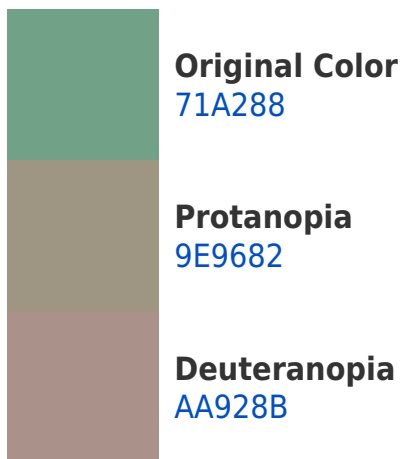


This preview shows how white text looks on a background with the Hex color 71A288.

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](#).

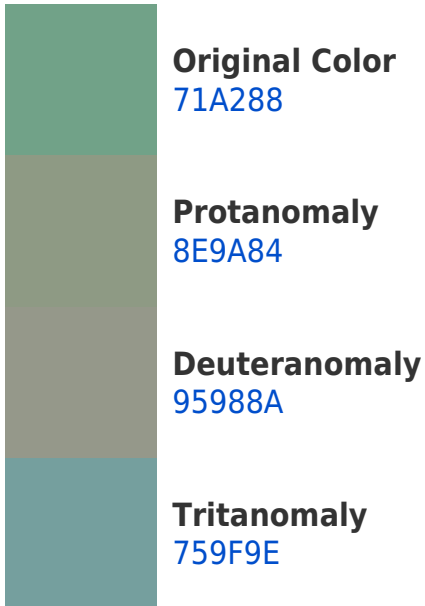
Dichromacy



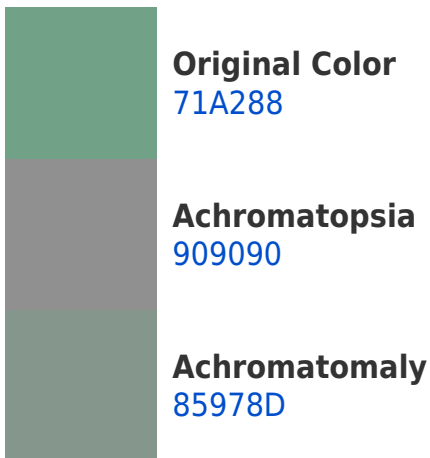


Tritanopia
789DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A288 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 #71A288 looks like.

```
.text, #text, p{  
    color:#71A288  
}
```

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 #71A288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A288
}
```

Border

The CSS property to change the border of an element to Hex 71A288 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
#71A288 }
```

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

```
.border{ border-color:#71A288 }
```

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

Here you see how a box with a 4 pixel #71A288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A288; -webkit-box-shadow:4px 4px  
4px 4px #71A288; box-shadow:4px 4px 4px  
4px #71A288 }
```

Background

The CSS property to change the background color of an element to Hex 71A288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A288 }
```

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

```
.background{ background-color:#71A288 }
```

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