

Converting Colors

Hex(70A295)

Have a look what the booklet for
Hex(70A295) contains.

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Color

Hex(70A295)

Conversions

Conversions Part 1

Format	Color
Hex	70A295
RGB	112, 162, 149
RGB Percent	44%, 64%, 58%
CMY	0.5608, 0.3647, 0.4157
CMYK	0.31, 0.00, 0.08, 0.36
HSL	164°, 21%, 54%
HSV	164°, 31%, 64%
XYZ	25.0272, 31.4553, 33.1862
YIQ	145.5680, -25.6270, -14.6430

Conversions

Conversions Part 2

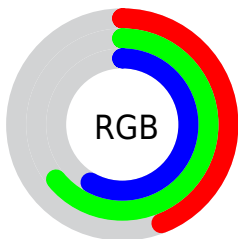
Format	Color
RYB	112, 141, 162
Decimal	7381653
CIELab	62.89, -19.57, 1.42
CIElCh	63, 19.620, 175.842
Yxy	31.4553, 0.2791, 0.3508
Android (android.graphics.Color)	4285571733 (0xFF70A295)
YUV	145.5680, 1.6920, -29.4391
Hunter-Lab	56.0851, -18.4955, 4.1770

Details

The Hex color **70A295** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A2707D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A5D9CB**, and **3E6E62** is the 20% darker color. If you saturate the color by 10%, you get **60A291**, and if you desaturate by 10%, it is **80A299**.

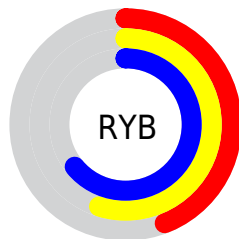
Distribution



Red (44%)

Green (64%)

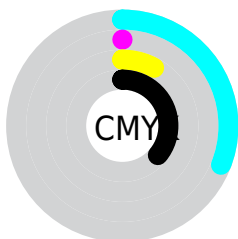
Blue (58%)



Red (44%)

Yellow (55%)

Blue (64%)

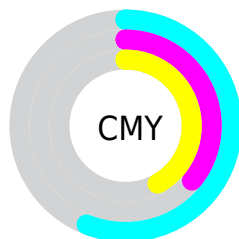


Cyan (31%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A295 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 70A295 by changing the saturation by 10% instead.

 70A295

 70A295

FFFFFF

 56887B

 A5D9CB

 3E6E62

 C1F6E7

 25564B

 DDFFFF

 093E34

 FAFFFF

 00281F

 001207

 000000

 70A295

 70A295

 60A291

 80A299

■ 50A28D

■ 90A29D

■ 3FA288

■ A1A2A2

■ 2FA284

■ B1A2A6

■ 1FA280

■ C1A2AA

■ 0FA27C

■ D1A2AE

■ 00A278

■ E1A2B2

■ F2A2B7

■ FFA2BB

Harmonies

Analogous

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



81A084



70A295



68A2A7

Triad

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



70A295



9895B7



B6907C

Complementary

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



70A295



A2707D

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.



BC8D8A



70A295



AC8FAC

Square

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



70A295



809ABB



B98C9B



A89676

Rectangle

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



70A295



6AA0B1



B98C9B



B98F80

Sweetspot

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



70A295



C1D4CF



7DA270



5F6B68



EBEBEB



6B6B6B

Same Dimension

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



70A295



85D4BF



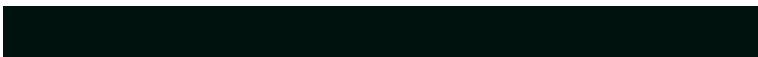
7096A2



49524F



00916C



00120D

Inverse Universe

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



A2707D



D4859A



A27C70



52494C



910026



120005

Previews

White Background



This preview shows how the Hex color 70A295 looks on a white background.

Color Contrast Check

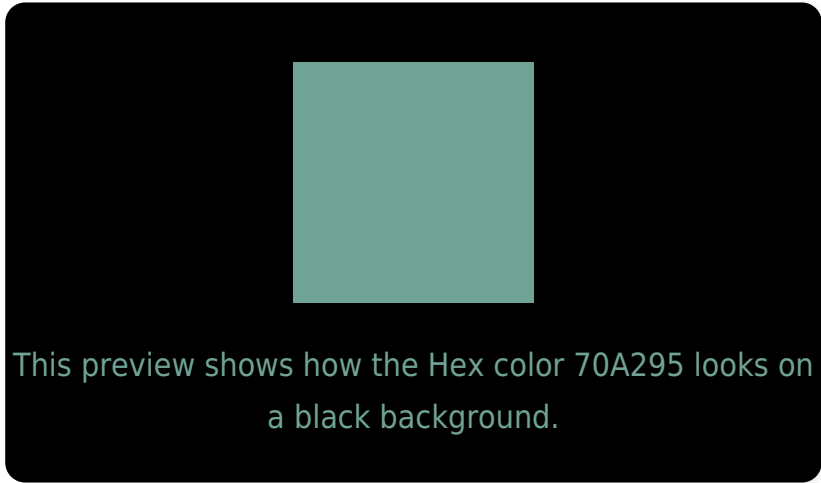
Large Text (above 18pt) WCAG AA × Fail

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

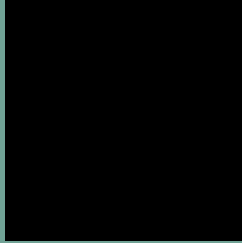
Any Text WCAG AA ✓ Pass

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 70A295 Background



This preview shows how black text looks on a background with the Hex color 70A295.

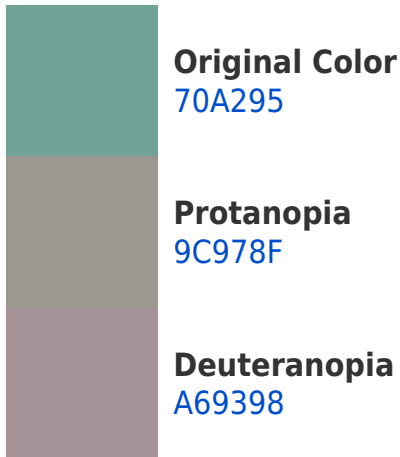


This preview shows how white text looks on a background with the Hex color 70A295.

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](#).

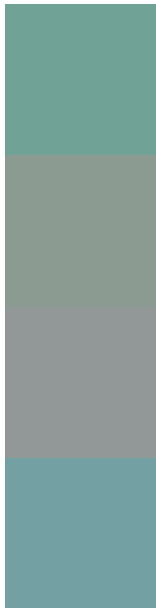
Dichromacy





Tritanopia
759FAB

Trichromacy



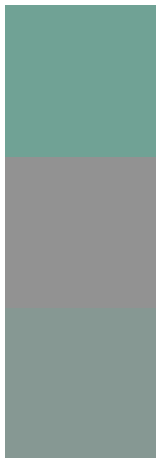
Original Color
70A295

Protanomaly
8C9B91

Deuteranomaly
929897

Tritanomaly
73A0A3

Monochromacy



Original Color
70A295

Achromatopsia
929292

Achromatomaly
869893

CSS Examples

Text

The CSS property to change the color of the text to Hex 70A295 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 #70A295 looks like.

```
.text, #text, p{  
    color:#70A295  
}
```

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 #70A295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A295
}
```

Border

The CSS property to change the border of an element to Hex 70A295 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
#70A295 }
```

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

```
.border{ border-color:#70A295 }
```

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

Here you see how a box with a 4 pixel #70A295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A295; -webkit-box-shadow:4px 4px  
4px 4px #70A295; box-shadow:4px 4px 4px  
4px #70A295 }
```

Background

The CSS property to change the background color of an element to Hex 70A295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A295 }
```

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

```
.background{ background-color:#70A295 }
```

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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