

Converting Colors

Hex(70AF89)

Have a look what the booklet for
Hex(70AF89) contains.

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Color

Hex(70AF89)

Conversions

Conversions Part 1	
Format	Color
Hex	70AF89
RGB	112, 175, 137
RGB Percent	44%, 69%, 54%
CMY	0.5608, 0.3137, 0.4627
CMYK	0.36, 0.00, 0.22, 0.31
HSL	144°, 28%, 56%
HSV	144°, 36%, 69%
XYZ	26.5274, 35.9108, 29.2003
YIQ	151.8310, -25.3500, -25.1740

Conversions

Conversions Part 2

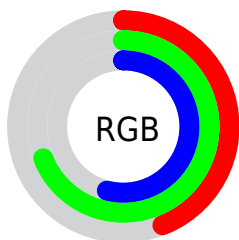
Format	Color
RYB	112, 157, 175
Decimal	7384969
CIELab	66.45, -28.64, 13.18
CIELCh	66, 31.529, 155.283
Yxy	35.9108, 0.2895, 0.3919
Android (android.graphics.Color)	4285575049 (0xFF70AF89)
YUV	151.8310, -7.3117, -34.9318
Hunter-Lab	59.9256, -25.8529, 13.0574

Details

The Hex color **70AF89** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF7096**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A6E7BE**, and **3C7A57** is the 20% darker color. If you saturate the color by 10%, you get **5FAF7E**, and if you desaturate by 10%, it is **82AF94**.

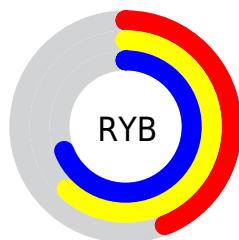
Distribution



Red (44%)

Green (69%)

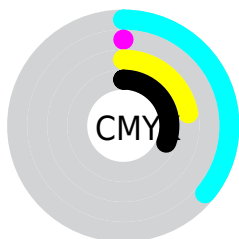
Blue (54%)



Red (44%)

Yellow (62%)

Blue (69%)

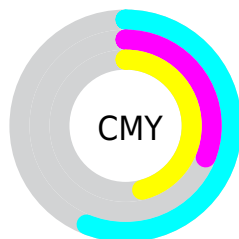


Cyan (36%)

Magenta (0%)

Yellow (22%)

Black (31%)



Cyan (56%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70AF89 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 70AF89 by changing the saturation by 10% instead.

 70AF89

FFFFFF

 A6E7BE

 C2FFDA

 DEFFF7

 FBFFFF

 70AF89

 569470

 3C7A57

 226140

 024929

 003215

 001F00

 000000

 70AF89

 5FAF7E

 70AF89

 82AF94

 4DAF74

 93AF9E

 3BAF69

 A4AFA9

 2AAF5F

 B6AFB3

 19AF54

 C8AFBE

 07AF4A

 D9AFC8

 00AF45

 EBAFD3

 FCAFDD

 FFAFE8

Harmonies

Analogous

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



92AA73



70AF89



4FB1A6

Triad

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



70AF89



83A3DA



D78F82

Complementary

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



70AF89



AF7096

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.



D98C9E



70AF89



AC98D0

Square

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



70AF89



58ABD4



CA90BA



C9986F

Rectangle

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



70AF89



41B1B9



CA90BA



DA8E8B

Sweetspot

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



70AF89



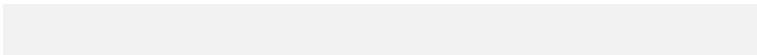
CAE3D4



97AF70



64736A



F2F2F2



737373

Same Dimension

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



70AF89



81E3A8



70AFA8



4E5751



00963C



001709

Inverse Universe

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



AF7096



E381BC



AF7077



574E53



96005B



17000E

Previews

White Background



This preview shows how the Hex color 70AF89 looks on a white background.

Color Contrast Check

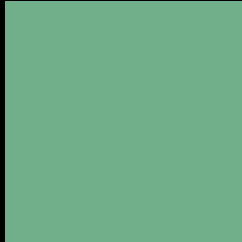
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 70AF89 looks on a 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 70AF89 Background



This preview shows how black text looks on a background with the Hex color 70AF89.

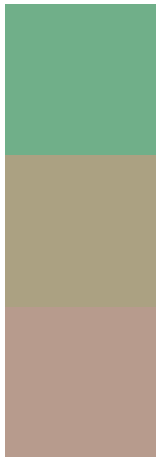


This preview shows how white text looks on a background with the Hex color 70AF89.

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](#).

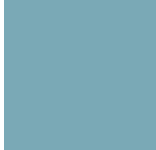
Dichromacy



Original Color
70AF89


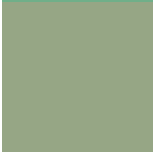

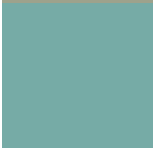
Protanopia
ABA182

Deuteranopia
B79B8D


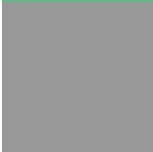
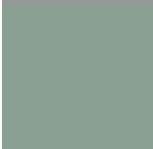


Tritanopia
7AA9B6

Trichromacy

	Original Color 70AF89
	Protanomaly 96A685
	Deuteranomaly 9DA28C
	Tritanomaly 76ABA6

Monochromacy

	Original Color 70AF89
	Achromatopsia 989898
	Achromatomaly 89A093

CSS Examples

Text

The CSS property to change the color of the text to Hex 70AF89 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 #70AF89 looks like.

```
.text, #text, p{  
    color:#70AF89  
}
```

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 #70AF89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AF89
}
```

Border

The CSS property to change the border of an element to Hex 70AF89 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
#70AF89 }
```

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

```
.border{ border-color:#70AF89 }
```

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

Here you see how a box with a 4 pixel #70AF89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AF89; -webkit-box-shadow:4px 4px  
4px 4px #70AF89; box-shadow:4px 4px 4px  
4px #70AF89 }
```

Background

The CSS property to change the background color of an element to Hex 70AF89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AF89 }
```

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

```
.background{ background-color:#70AF89 }
```

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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