

Converting Colors

Hex(71AE80)

Have a look what the booklet for
Hex(71AE80) contains.

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Color

Hex(71AE80)

Conversions

Conversions Part 1

Format	Color
Hex	71AE80
RGB	113, 174, 128
RGB Percent	44%, 68%, 50%
CMY	0.5569, 0.3176, 0.4980
CMYK	0.35, 0.00, 0.26, 0.32
HSL	135°, 27%, 56%
HSV	135°, 35%, 68%
XYZ	25.8424, 35.3413, 25.8816
YIQ	150.5170, -21.5900, -27.2380

Conversions

Conversions Part 2

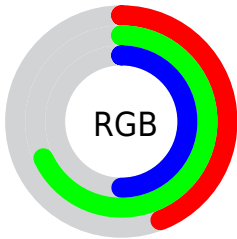
Format	Color
RYB	113, 162, 174
Decimal	7450240
CIELab	66.01, -29.59, 17.51
CIELCh	66, 34.383, 149.382
Yxy	35.3413, 0.2968, 0.4059
Android (android.graphics.Color)	4285640320 (0xFF71AE80)
YUV	150.5170, -11.1009, -32.9024
Hunter-Lab	59.4486, -26.4408, 15.8014

Details

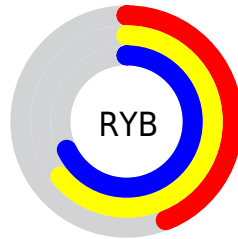
The Hex color **71AE80** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE719F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A7E6B5**, and **3E794F** is the 20% darker color. If you saturate the color by 10%, you get **60AE73**, and if you desaturate by 10%, it is **82AE8D**.

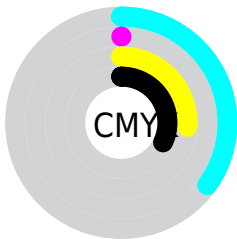
Distribution



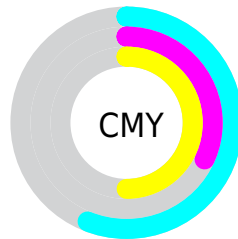
- Red (44%)
- Green (68%)
- Blue (50%)



- Red (44%)
- Yellow (64%)
- Blue (68%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (32%)



- Cyan (56%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71AE80 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 71AE80 by changing the saturation by 10% instead.

 71AE80

 71AE80

FFFFFF

 579367

 A7E6B5

 3E794F

 C2FFD1

 246037

 DFFFED

 054822

 FCFEFC

 00310C

 001D00

 000000

 71AE80

 71AE80

 60AE73

 82AE8D

 4EAE66

 94AE9A

 3DAE59

 A5AEA7

 2BAE4C

 B7AEB4

 1AAE3E

 C8AEC2

 09AE31

 D9AECF

 00AE2B

 EBAEDC

 FCAEE9

 FFAEF6

Harmonies

Analogous

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



96A86A



71AE80



49B19F

Triad

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



71AE80



74A4DE



DC8B84

Complementary

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



71AE80



AE719F

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.



DA89A2



71AE80



A399D6

Square

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



71AE80



41ACD5



C78EC0



CE946C

Rectangle

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



71AE80



31B1B4



C78EC0



DD898D

Sweetspot

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



71AE80



CAE3D0



A0AE71



647368



F2F2F2



737373

Same Dimension

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



71AE80



84E39B



71AE9E



4E5750



009625



001706

Inverse Universe

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



AE719F



E384CC



AE7181



574E55



960071



170011

Previews

White Background



This preview shows how the Hex color 71AE80 looks on a white background.

Color Contrast Check

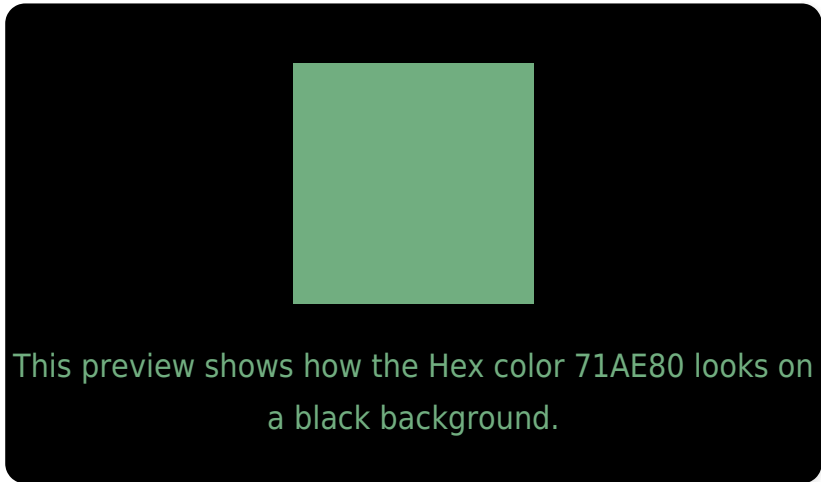
Large Text (above 18pt) WCAG AA × Fail

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

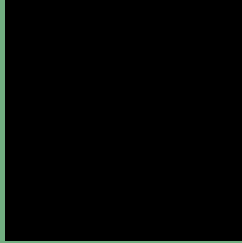
Any Text WCAG AA ✓ Pass

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 71AE80 Background



This preview shows how black text looks on a background with the Hex color 71AE80.



This preview shows how white text looks on a background with the Hex color 71AE80.

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](#).

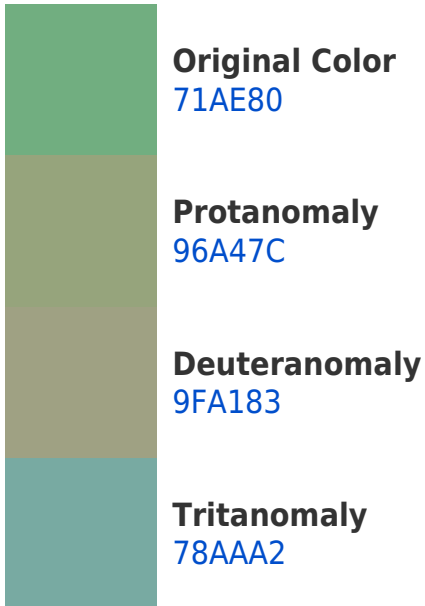
Dichromacy



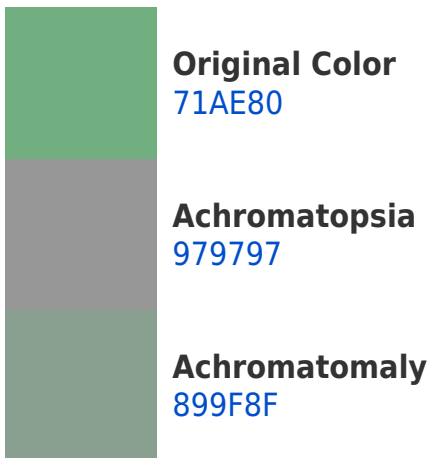


Tritanopia
7CA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71AE80 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 #71AE80 looks like.

```
.text, #text, p{  
    color:#71AE80  
}
```

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 #71AE80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71AE80
}
```

Border

The CSS property to change the border of an element to Hex 71AE80 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
#71AE80 }
```

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

```
.border{ border-color:#71AE80 }
```

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

Here you see how a box with a 4 pixel #71AE80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71AE80; -webkit-box-shadow:4px 4px  
4px 4px #71AE80; box-shadow:4px 4px 4px  
4px #71AE80 }
```

Background

The CSS property to change the background color of an element to Hex 71AE80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71AE80 }
```

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

```
.background{ background-color:#71AE80 }
```

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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