

Converting Colors

Hex(72AE70)

Have a look what the booklet for
Hex(72AE70) contains.

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Color

Hex(72AE70)

Conversions

Conversions Part 1

Format	Color
Hex	72AE70
RGB	114, 174, 112
RGB Percent	45%, 68%, 44%
CMY	0.5529, 0.3176, 0.5608
CMYK	0.34, 0.00, 0.36, 0.32
HSL	118°, 28%, 56%
HSV	118°, 36%, 68%
XYZ	25.0001, 35.0194, 20.7710
YIQ	148.9920, -15.8580, -32.0020

Conversions

Conversions Part 2

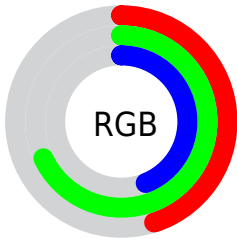
Format	Color
RYB	112, 174, 172
Decimal	7515760
CIELab	65.76, -32.07, 25.84
CIELCh	66, 41.185, 141.140
Yxy	35.0194, 0.3094, 0.4335
Android (android.graphics.Color)	4285705840 (0xFF72AE70)
YUV	148.9920, -18.2371, -30.6880
Hunter-Lab	59.1772, -28.1505, 20.6134

Details

The Hex color **72AE70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC70AE**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A8E6A4**, and **3E793F** is the 20% darker color. If you saturate the color by 10%, you get **61AE5F**, and if you desaturate by 10%, it is **83AE81**.

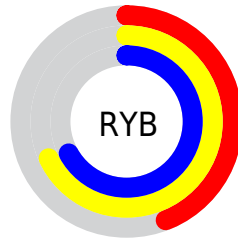
Distribution



Red (45%)

Green (68%)

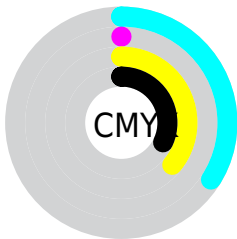
Blue (44%)



Red (44%)

Yellow (68%)

Blue (67%)

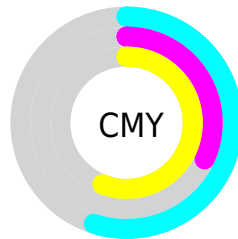


Cyan (34%)

Magenta (0%)

Yellow (36%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72AE70 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 72AE70 by changing the saturation by 10% instead.

 72AE70

 72AE70

FFFFFF

 589357

 A8E6A4

 3E793F

 C4FFC0

 246028

 E0FFDC

 054812

 F0FFF8

 003000

 001D00

 000000

 72AE70

 72AE70

 61AE5F

 83AE81

 50AE4D

 94AE93

 3FAE3C

 A5AEA4

 2FAE2A

 B5AEB6

 1EAE19

 C6AEC7

 0DAE08

 D7AED8

 06AE00

 E8AEEA

 F9AEFB

 FFAEFF

Harmonies

Analogous

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



9DA659



72AE70



3AB293

Triad

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



72AE70



4EA7E8



E78387

Complementary

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



72AE70



AC70AE

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.



E083AC



72AE70



939AE5

Square

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



72AE70



00AFD8



C38DCE



DB8D68

Rectangle

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



72AE70



00B3AD



C38DCE



E78293

Sweetspot

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



72AE70



CBE3CA



AEAC70



647364



F2F2F2



737373

Same Dimension

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



72AE70



85E381



70AE8D



4E574E



059600



011700

Inverse Universe

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



AC70AE



E081E3



AE7091



564E57



920096



160017

Previews

White Background



This preview shows how the Hex color 72AE70 looks on a white background.

Color Contrast Check

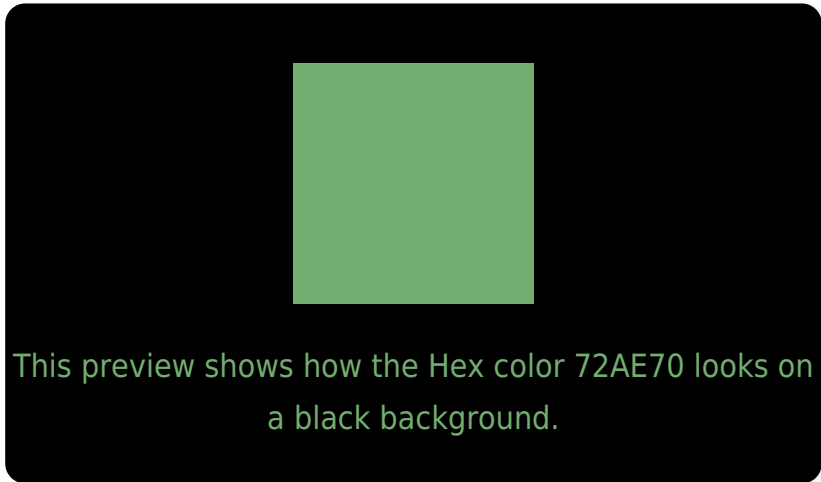
Large Text (above 18pt) WCAG AA × Fail

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 72AE70 Background



This preview shows how black text looks on a background with the Hex color 72AE70.

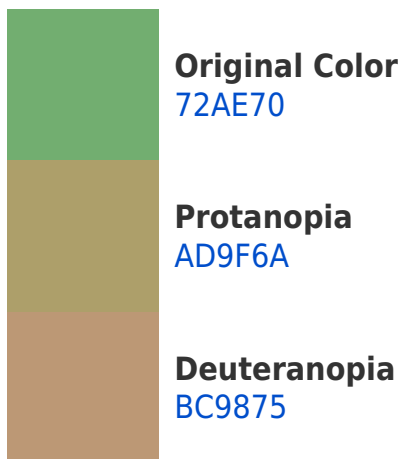


This preview shows how white text looks on a background with the Hex color 72AE70.

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](#).

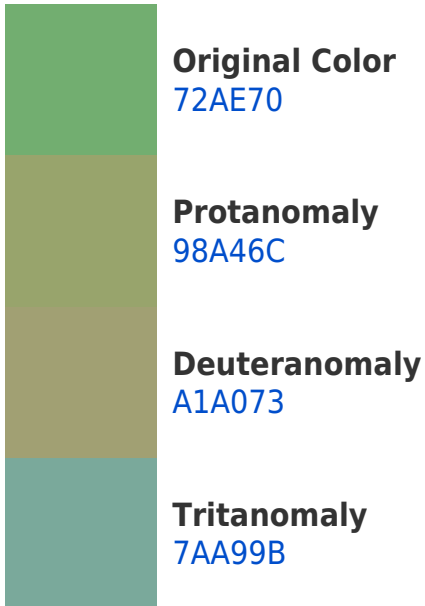
Dichromacy



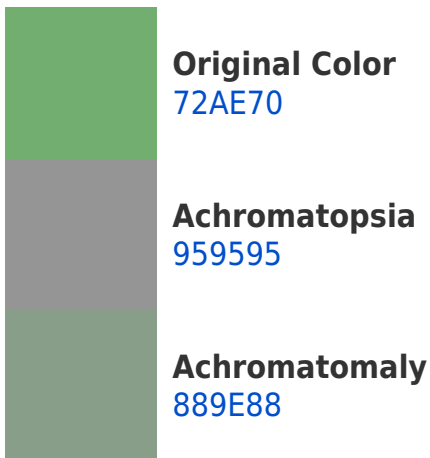


Tritanopia
7EA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72AE70 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 #72AE70 looks like.

```
.text, #text, p{  
    color:#72AE70  
}
```

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 #72AE70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72AE70
}
```

Border

The CSS property to change the border of an element to Hex 72AE70 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
#72AE70 }
```

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

```
.border{ border-color:#72AE70 }
```

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

Here you see how a box with a 4 pixel #72AE70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72AE70; -webkit-box-shadow:4px 4px  
4px 4px #72AE70; box-shadow:4px 4px 4px  
4px #72AE70 }
```

Background

The CSS property to change the background color of an element to Hex 72AE70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72AE70 }
```

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

```
.background{ background-color:#72AE70 }
```

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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