

Converting Colors

Hex(71B170)

Have a look what the booklet for
Hex(71B170) contains.

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Color

Hex(71B170)

Conversions

Conversions Part 1

Format	Color
Hex	71B170
RGB	113, 177, 112
RGB Percent	44%, 69%, 44%
CMY	0.5569, 0.3059, 0.5608
CMYK	0.36, 0.00, 0.37, 0.31
HSL	119°, 29%, 57%
HSV	119°, 37%, 69%
XYZ	25.4568, 36.1248, 20.9603
YIQ	150.4540, -17.2790, -33.7830

Conversions

Conversions Part 2

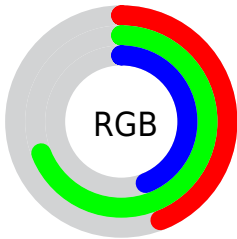
Format	Color
RYB	112, 177, 176
Decimal	7450992
CIELab	66.62, -33.80, 26.96
CIELCh	67, 43.236, 141.425
Yxy	36.1248, 0.3084, 0.4377
Android (android.graphics.Color)	4285641072 (0xFF71B170)
YUV	150.4540, -18.9578, -32.8472
Hunter-Lab	60.1039, -29.5788, 21.3963

Details

The Hex color **71B170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B070B1**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A7E9A4**, and **3D7C3F** is the 20% darker color. If you saturate the color by 10%, you get **60B15E**, and if you desaturate by 10%, it is **82B182**.

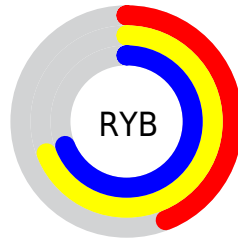
Distribution



Red (44%)

Green (69%)

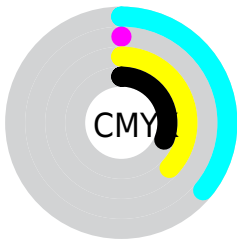
Blue (44%)



Red (44%)

Yellow (69%)

Blue (69%)

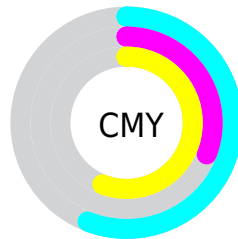


Cyan (36%)

Magenta (0%)

Yellow (37%)

Black (31%)



Cyan (56%)


Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B170 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 71B170 by changing the saturation by 10% instead.

 71B170

 71B170

FFFFFF

 579657

 A7E9A4

 3D7C3F

 C3FFC0

 226328

 E0FFDC


 004A11

 F0FFF8

 003300

 001F00

 000000

 71B170

 71B170

 60B15E

 82B182

 4EB14D

 94B193

 3DB13B

 A5B1A5

 2BB129

 B7B1B7

 1AB117

 C8B1C9

 08B106

 DAB1DA

 03B100

 EBB1EC

 FCB1FE

 FFB1FF

Harmonies

Analogous

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



9EA858



71B170



32B695

Triad

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



71B170



49A9EE



EC8488

Complementary

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



71B170



B070B1

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.



E583AF



71B170



949CEA

Square

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



71B170



00B2DE



C88DD3



E08E67

Rectangle

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



71B170



00B6B0



C88DD3



EC8294

Sweetspot

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



71B170



CDE6CC



B1B070



647364



F2F2F2



737373

Same Dimension

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



71B170



82E681



70B18F



505950



029900



001A00

Inverse Universe

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



B070B1



E481E6



B17092



595059



970099



19001A

Previews

White Background



This preview shows how the Hex color 71B170 looks on a white background.

Color Contrast Check

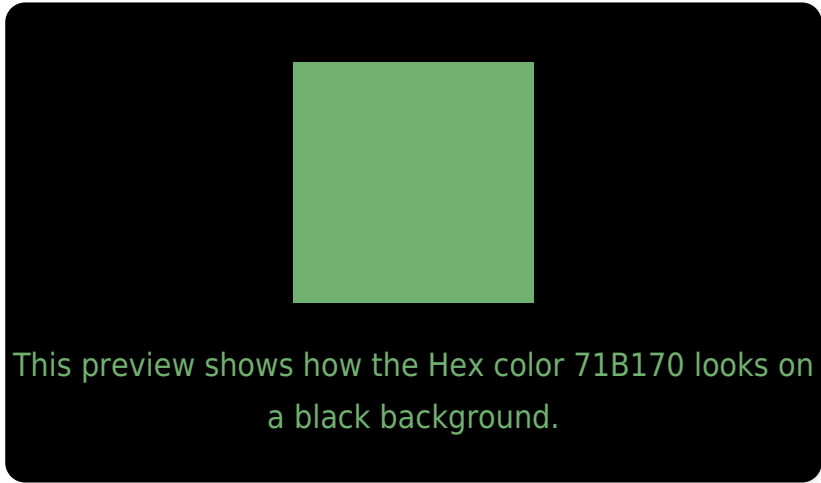
Large Text (above 18pt) WCAG AA × Fail

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

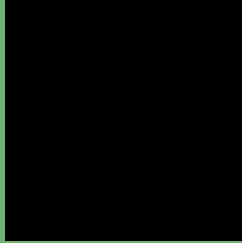
Any Text WCAG AA ✓ Pass

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 71B170 Background



This preview shows how black text looks on a background with the Hex color 71B170.

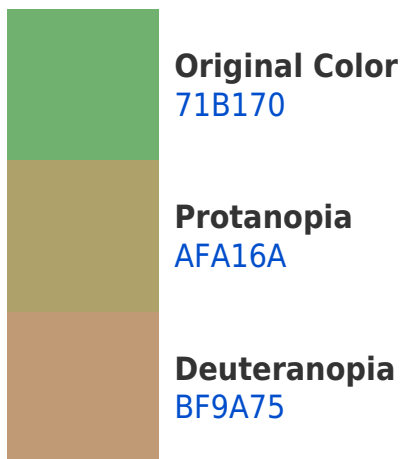


This preview shows how white text looks on a background with the Hex color 71B170.

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](#).

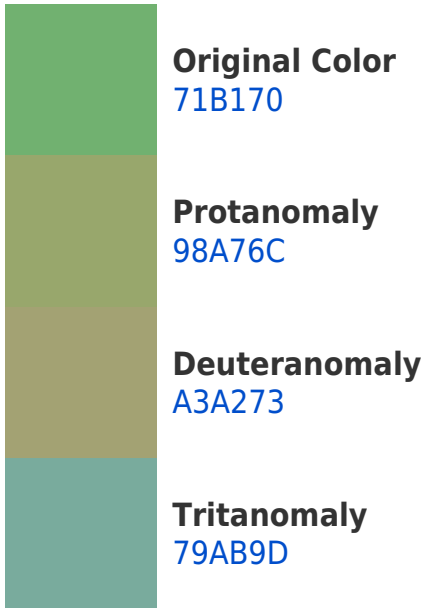
Dichromacy





Tritanopia
7EA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71B170 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 #71B170 looks like.

```
.text, #text, p{  
    color:#71B170  
}
```

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 #71B170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B170
}
```

Border

The CSS property to change the border of an element to Hex 71B170 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
#71B170 }
```

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

```
.border{ border-color:#71B170 }
```

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

Here you see how a box with a 4 pixel #71B170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B170; -webkit-box-shadow:4px 4px  
4px 4px #71B170; box-shadow:4px 4px 4px  
4px #71B170 }
```

Background

The CSS property to change the background color of an element to Hex 71B170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B170 }
```

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

```
.background{ background-color:#71B170 }
```

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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