

# Converting Colors

Hex(71A173)

Have a look what the booklet for  
Hex(71A173) contains.

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# **Color**

**Hex(71A173)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71A173
RGB	113, 161, 115
RGB Percent	44%, 63%, 45%
CMY	0.5569, 0.3686, 0.5490
CMYK	0.30, 0.00, 0.29, 0.37
HSL	123°, 20%, 54%
HSV	123°, 30%, 63%
XYZ	22.6494, 30.2383, 20.8625
YIQ	141.4040, -13.8420, -24.4820

# Conversions

## Conversions Part 2

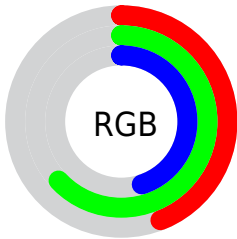
Format	Color
<a href="#">RYB</a>	<a href="#">113, 159, 161</a>
Decimal	<a href="#">7446899</a>
CIELab	<a href="#">61.86, -25.61, 18.94</a>
CIELCh	<a href="#">62, 31.855, 143.520</a>
Yxy	<a href="#">30.2383, 0.3071, 0.4100</a>
Android (android.graphics.Color)	<a href="#">4285636979 (0xFF71A173)</a>
YUV	<a href="#">141.4040, -13.0172, -24.9103</a>
Hunter-Lab	<a href="#">54.9893, -22.7093, 15.9984</a>

# Details

The Hex color **71A173** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A1719F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A6D8A7**, and **3F6D43** is the 20% darker color. If you saturate the color by 10%, you get **61A164**, and if you desaturate by 10%, it is **81A182**.

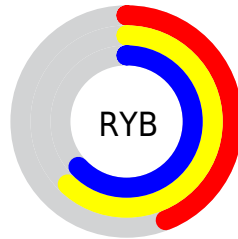
# Distribution



Red (44%)

Green (63%)

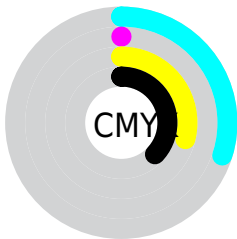
Blue (45%)



Red (44%)

Yellow (62%)

Blue (63%)

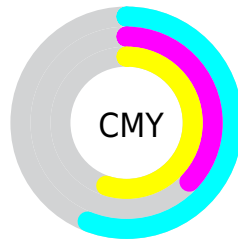


Cyan (30%)

Magenta (0%)

Yellow (29%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71A173 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 71A173 by changing the saturation by 10% instead.





71A173



71A173

FFFFFF



58875A



A6D8A7



3F6D43



C2F5C2



27542C



DEFFDE



0D3D17



FBFFFB



002700



000D00



000000



71A173



71A173



61A164



81A182

 51A154

 91A192

 41A145

 A1A1A1

 31A135

 B1A1B1

 20A126

 C1A1C0

 10A116

 D2A1D0

 00A107

 E2A1DF

 F2A1EE

 FFA1FE

# Harmonies

## Analogous

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



929B61



71A173



4EA48E

# Triad

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



71A173



649ACD



CD8180

# Complementary

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



71A173



A1719F

# 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.



C8809D



71A173



9090C9

# Square

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



71A173



39A1C2



B386B7



C38869

# Rectangle

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



71A173



37A5A2



B386B7



CD808A



# Sweetspot

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



71A173



BED1BF



9FA171



5D695E



E8E8E8



696969



# Same Dimension

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



71A173



86D189



71A18B



49524A



009106



001201



# Inverse Universe

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



A1719F



D186CE



A17187



524951



91008B



120011



# Previews

## White Background



This preview shows how the Hex color 71A173 looks on a white background.

## Color Contrast Check

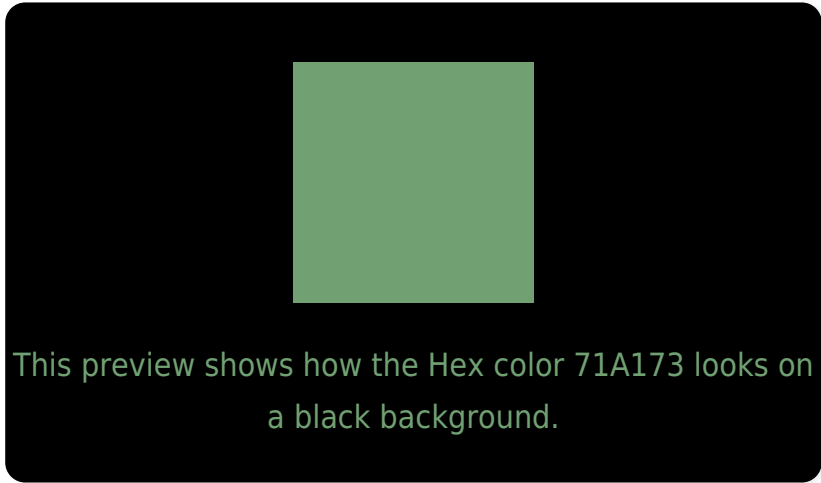
Large Text (above 18pt) WCAG AA × Fail

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

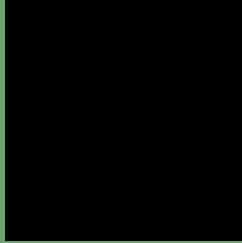
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71A173 Background



This preview shows how black text looks on a background with the Hex color 71A173.

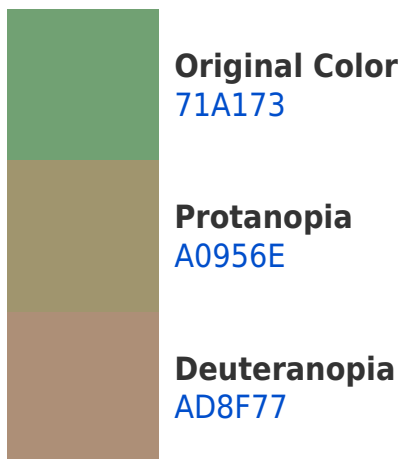


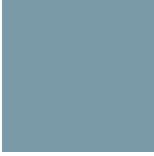
This preview shows how white text looks on a background with the Hex color 71A173.

# 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**  
7A9AA7

# Trichromacy



**Original Color**  
71A173

**Protanomaly**  
8F9970

**Deuteranomaly**  
979676

**Tritanomaly**  
779D94

# Monochromacy



**Original Color**  
71A173

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
839484

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71A173 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 #71A173 looks like.

```
.text, #text, p{  
    color:#71A173  
}
```

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 #71A173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A173
}
```

## Border

The CSS property to change the border of an element to Hex 71A173 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
#71A173 }
```

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

```
.border{ border-color:#71A173 }
```

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

Here you see how a box with a 4 pixel #71A173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A173; -webkit-box-shadow:4px 4px  
4px 4px #71A173; box-shadow:4px 4px 4px  
4px #71A173 }
```

# Background

The CSS property to change the background color of an element to Hex 71A173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A173 }
```

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

```
.background{ background-color:#71A173 }
```

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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