

# Converting Colors

Hex(71A372)

Have a look what the booklet for  
Hex(71A372) contains.

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# **Color**

**Hex(71A372)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71A372
RGB	113, 163, 114
RGB Percent	44%, 64%, 45%
CMY	0.5569, 0.3608, 0.5529
CMYK	0.31, 0.00, 0.30, 0.36
HSL	121°, 21%, 54%
HSV	121°, 31%, 64%
XYZ	22.9445, 30.9200, 20.6784
YIQ	142.4640, -14.0710, -25.8390

# Conversions

## Conversions Part 2

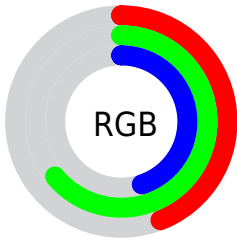
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 162, 163</a>
Decimal	<a href="#">7447410</a>
CIELab	<a href="#">62.44, -26.78, 20.28</a>
CIElCh	<a href="#">62, 33.590, 142.859</a>
Yxy	<a href="#">30.9200, 0.3078, 0.4148</a>
Android (android.graphics.Color)	<a href="#">4285637490 (0xFF71A372)</a>
YUV	<a href="#">142.4640, -14.0328, -25.8399</a>
Hunter-Lab	<a href="#">55.6058, -23.6559, 16.8755</a>

# Details

The Hex color **71A372** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A371A2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A6DAA6**, and **3F6F42** is the 20% darker color. If you saturate the color by 10%, you get **61A362**, and if you desaturate by 10%, it is **81A382**.

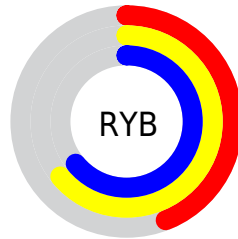
# Distribution



Red (44%)

Green (64%)

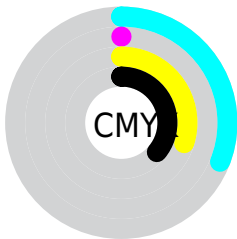
Blue (45%)



Red (44%)

Yellow (64%)

Blue (64%)

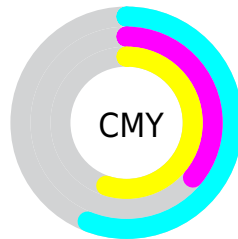


Cyan (31%)

Magenta (0%)

Yellow (30%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71A372 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 71A372 by changing the saturation by 10% instead.





71A372



71A372

FFFFFF



588959



A6DAA6



3F6F42



C2F7C1



26562B



DEFFDD



0C3F15



FBFFFA



002800



001000



000000



71A372



71A372



61A362



81A382

 50A352

 92A392

 40A342

 A2A3A2

 30A332

 B2A3B2

 20A322

 C3A3C2

 0FA312

 D3A3D2

 00A303

 E3A3E2

 F3A3F2

 FFA3FF

# Harmonies

## Analogous

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



949C5F



71A372



4BA78F

# Triad

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



71A372



609CD2



D18181

# Complementary

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



71A372



A371A2

# 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.



CC819F



71A372



9092CE

# Square

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



71A372



2EA3C6



B687BB



C78869

# Rectangle

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



71A372



30A7A3



B687BB



D1808B



# Sweetspot

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



71A372



C1D4C1



A2A371



5F6B60



EBEBEB



6B6B6B



# Same Dimension

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



71A372



85D487



71A38B



49524A



009103



001200



# Inverse Universe

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



A371A2



D485D2



A37189



524951



91008E



120011



# Previews

## White Background



This preview shows how the Hex color 71A372 looks on a white background.

## Color Contrast Check

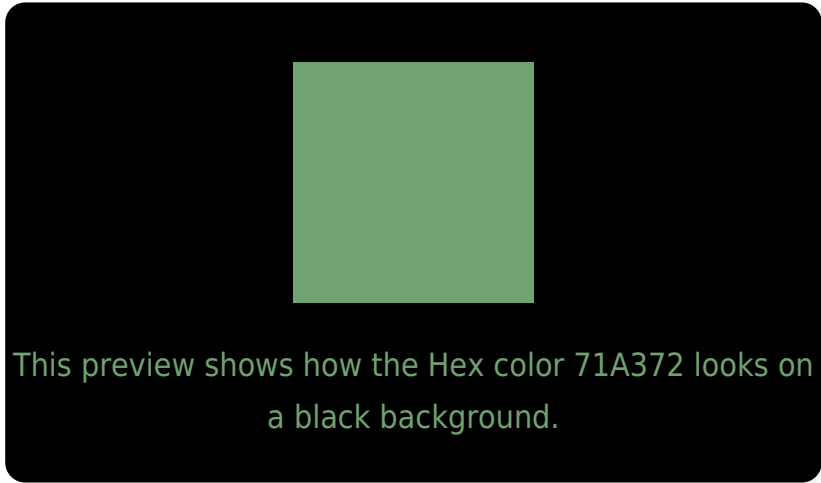
Large Text (above 18pt) WCAG AA × Fail

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

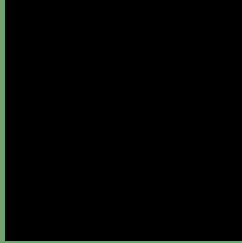
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71A372 Background



This preview shows how black text looks on a background with the Hex color 71A372.

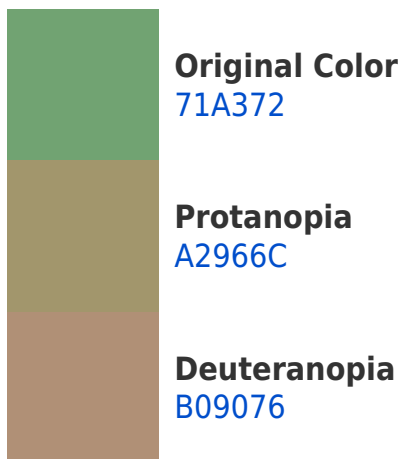


This preview shows how white text looks on a background with the Hex color 71A372.

# 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](#).

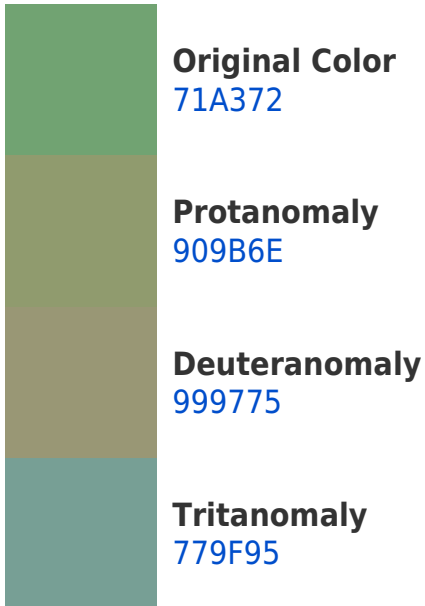
## Dichromacy



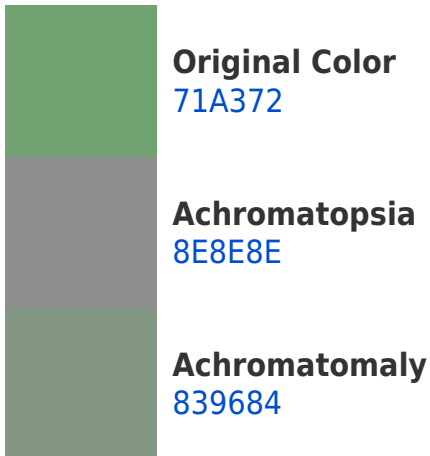


**Tritanopia**  
7B9CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71A372 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 #71A372 looks like.

```
.text, #text, p{  
    color:#71A372  
}
```

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 #71A372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A372
}
```

## Border

The CSS property to change the border of an element to Hex 71A372 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
#71A372 }
```

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

```
.border{ border-color:#71A372 }
```

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

Here you see how a box with a 4 pixel #71A372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A372; -webkit-box-shadow:4px 4px  
4px 4px #71A372; box-shadow:4px 4px 4px  
4px #71A372 }
```

# Background

The CSS property to change the background color of an element to Hex 71A372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A372 }
```

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

```
.background{ background-color:#71A372 }
```

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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