

# Converting Colors

Hex(71A752)

Have a look what the booklet for  
Hex(71A752) contains.

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# **Color**

**Hex(71A752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71A752
RGB	113, 167, 82
RGB Percent	44%, 65%, 32%
CMY	0.5569, 0.3451, 0.6784
CMYK	0.32, 0.00, 0.51, 0.35
HSL	98°, 34%, 49%
HSV	98°, 51%, 65%
XYZ	22.1518, 31.7573, 12.9449
YIQ	141.1640, -4.8990, -37.8830

# Conversions

## Conversions Part 2

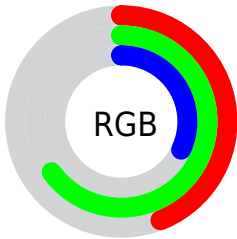
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 167, 136
Decimal	7448402
CIELab	63.14, -33.43, 38.11
CIELCh	63, 50.693, 131.258
Yxy	31.7573, 0.3313, 0.4750
Android (android.graphics.Color)	4285638482 (0xFF71A752)
YUV	141.1640, -29.1679, -24.6998
Hunter-Lab	56.3537, -28.4533, 25.8281

# Details

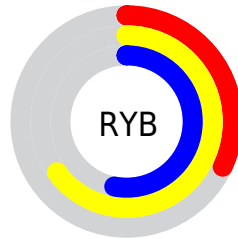
The Hex color **71A752** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8852A7**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A7DE85**, and **3D7321** is the 20% darker color. If you saturate the color by 10%, you get **66A741**, and if you desaturate by 10%, it is **7CA763**.

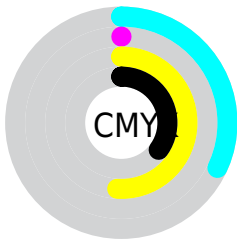
# Distribution



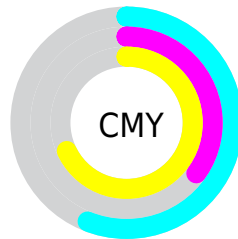
- Red (44%)
- Green (65%)
- Blue (32%)



- Red (32%)
- Yellow (65%)
- Blue (53%)



- Cyan (32%)
- Magenta (0%)
- Yellow (51%)
- Black (35%)



- Cyan (56%)
- Magenta (35%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71A752 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 71A752 by changing the saturation by 10% instead.





71A752



71A752

FFFFFF



578C39



A7DE85



3D7321



C3FBA0



225A05



E0FFBB



044200



FDFFD8



002B00



FFFFFF4



001300



000000



71A752



71A752



66A741



7CA763

 5CA731

 86A773

 51A720

 91A784

 47A70F

 9BA795

 3DA700

 A6A7A5

 B1A7B6

 BBA7C7

 C6A7D8

 D0A7E8

# Harmonies

## Analogous

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



A29C3C



71A752



20AD7A

# Triad

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



71A752



00A5EE



ED7289

# Complementary

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



71A752



8852A7

# 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.



DD76B7



71A752



6898F1

# Square

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



71A752



00ADD3



B286DD



E57C5F

# Rectangle

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



71A752



00AF99



B286DD



EA7199



# Sweetspot

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



71A752



C4D9B8



A78852



616E5A



EDEDED



6E6E6E



# Same Dimension

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



71A752



85D955



52A75D



4F544C



369400



071400



# Inverse Universe

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



8852A7



A955D9



A7529C



514C54



5E0094



0D0014



# Previews

## White Background



This preview shows how the Hex color 71A752 looks on a white background.

## Color Contrast Check

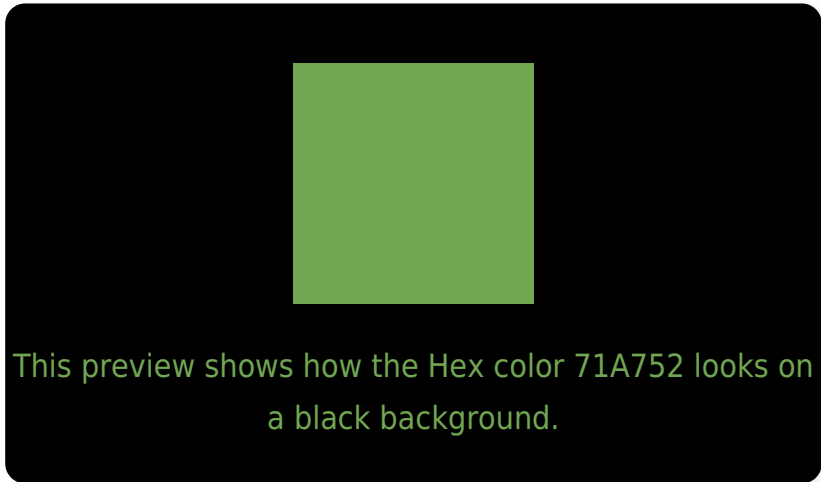
Large Text (above 18pt) WCAG AA × Fail

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

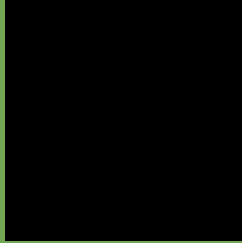
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71A752 Background



This preview shows how black text looks on a background with the Hex color 71A752.



This preview shows how white text looks on a background with the Hex color 71A752.

# 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



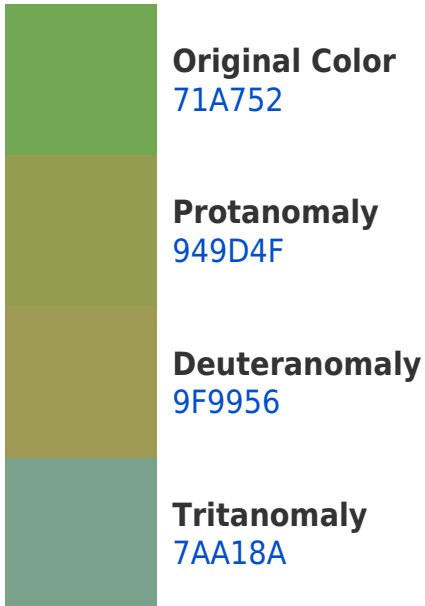
**Original Color**  
71A752

**Protanopia**  
A8984D

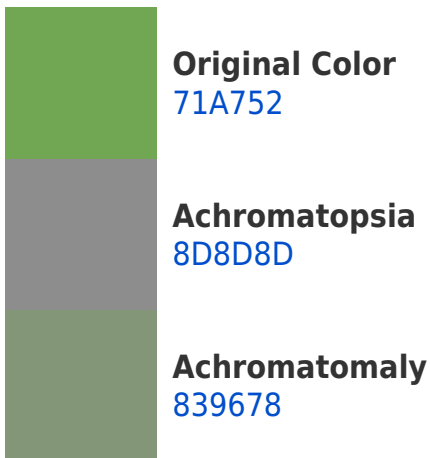
**Deuteranopia**  
B99158



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71A752 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 #71A752 looks like.

```
.text, #text, p{  
    color:#71A752  
}
```

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 #71A752 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A752
}
```

## Border

The CSS property to change the border of an element to Hex 71A752 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
#71A752 }
```

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

```
.border{ border-color:#71A752 }
```

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

Here you see how a box with a 4 pixel #71A752 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A752; -webkit-box-shadow:4px 4px  
4px 4px #71A752; box-shadow:4px 4px 4px  
4px #71A752 }
```

# Background

The CSS property to change the background color of an element to Hex 71A752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A752 }
```

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

```
.background{ background-color:#71A752 }
```

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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