

Converting Colors

Hex(71A651)

Have a look what the booklet for
Hex(71A651) contains.

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Color

Hex(71A651)

Conversions

Conversions Part 1

Format	Color
Hex	71A651
RGB	113, 166, 81
RGB Percent	44%, 65%, 32%
CMY	0.5569, 0.3490, 0.6824
CMYK	0.32, 0.00, 0.51, 0.35
HSL	97°, 34%, 48%
HSV	97°, 51%, 65%
XYZ	21.9315, 31.3772, 12.6851
YIQ	140.4630, -4.3030, -37.6710

Conversions

Conversions Part 2

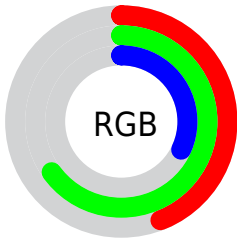
Format	Color
RYB	81, 166, 134
Decimal	7448145
CIELab	62.82, -33.09, 38.22
CIElCh	63, 50.555, 130.879
Yxy	31.3772, 0.3323, 0.4755
Android (android.graphics.Color)	4285638225 (0xFF71A651)
YUV	140.4630, -29.3153, -24.0851
Hunter-Lab	56.0154, -28.1395, 25.7841

Details

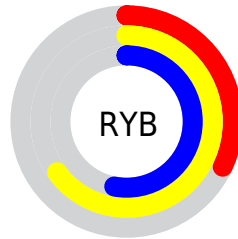
The Hex color **71A651** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8651A6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A7DD84**, and **3D7220** is the 20% darker color. If you saturate the color by 10%, you get **67A640**, and if you desaturate by 10%, it is **7BA662**.

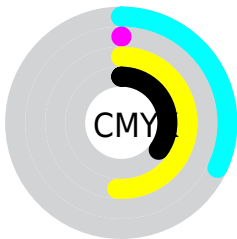
Distribution



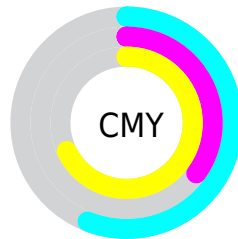
- Red (44%)
- Green (65%)
- Blue (32%)



- 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 71A651 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 71A651 by changing the saturation by 10% instead.

 71A651

 71A651

FFFFFF

 578B38

 A7DD84

 3D7220

 C3FA9F

 225904

 E0FFBA

 054100

 FDFFD6

 002A00

 FFFFF3

 001200

 000000

 71A651

 71A651

 67A640

 7BA662

 5CA630

 86A672

 52A61F

 90A683

 48A60F

 9AA693

 3EA600

 A5A6A4

 AFA6B5

 B9A6C5

 C4A6D6

 CEA6E6

Harmonies

Analogous

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



A29B3B



71A651



22AC79

Triad

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



71A651



00A5EC



EC7189

Complementary

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



71A651



8651A6

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.



DB76B6



71A651



6797F0

Square

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



71A651



00ACD2



B086DC



E47B5F

Rectangle

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



71A651



00AE98



B086DC



E97198

Sweetspot

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



71A651



C4D9B8



A68551



616E5A



EDEDED



6E6E6E

Same Dimension

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



71A651



86D955



51A65B



4F544C



389400



081400

Inverse Universe

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



8651A6



A755D9



A6519C



514C54



5C0094



0D0014

Previews

White Background



This preview shows how the Hex color 71A651 looks on a white background.

Color Contrast Check

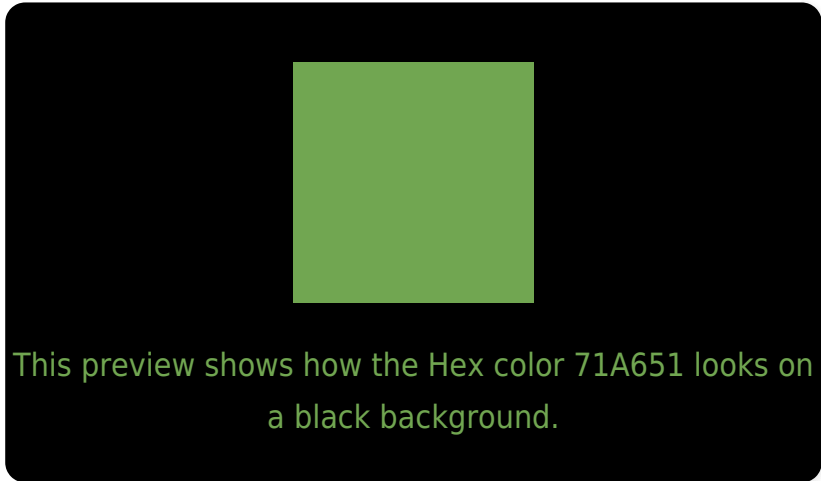
Large Text (above 18pt) WCAG AA × Fail

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 71A651 Background



This preview shows how black text looks on a background with the Hex color 71A651.



This preview shows how white text looks on a background with the Hex color 71A651.

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
71A651

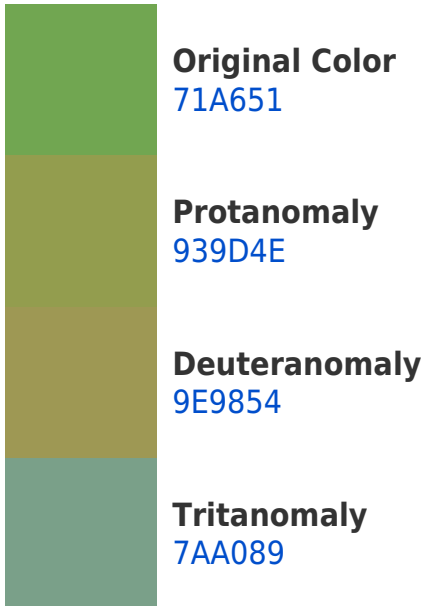
Protanopia
A7984C

Deuteranopia
B89056



Tritanopia
7F9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A651 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 #71A651 looks like.

```
.text, #text, p{  
    color:#71A651  
}
```

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 #71A651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A651
}
```

Border

The CSS property to change the border of an element to Hex 71A651 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
#71A651 }
```

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

```
.border{ border-color:#71A651 }
```

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

Here you see how a box with a 4 pixel #71A651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A651; -webkit-box-shadow:4px 4px  
4px 4px #71A651; box-shadow:4px 4px 4px  
4px #71A651 }
```

Background

The CSS property to change the background color of an element to Hex 71A651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A651 }
```

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

```
.background{ background-color:#71A651 }
```

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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