Converting Colors

Hex(71A648)

Have a look what the booklet for Hex(71A648) contains.

Hex(71A648) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Hex(71A648)

Conversions

Conversions Part 1

Format	Color
Hex	71A648
RGB	113, 166, 72
RGB Percent	44%, 65%, 28%
CMY	0.5569, 0.3490, 0.7176
CMYK	0.32, 0.00, 0.57, 0.35
HSL	94°, 39%, 47%
HSV	94°, 57%, 65%
XYZ	21.6160, 31.2510, 11.0237
YIQ	139.4370, -1.4140, -40.4700

Conversions

Conversions Part 2

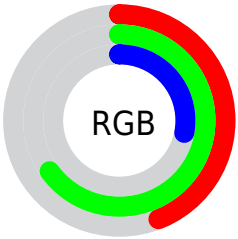
Format	Color
RYB	72, 166, 125
Decimal	7448136
CIELab	62.72, -34.11, 42.51
CIELCh	63, 54.500, 128.743
Yxy	31.2510, 0.3383, 0.4891
Android (android.graphics.Color)	4285638216 (0xFF71A648)
YUV	139.4370, -33.2464, -23.1852
Hunter-Lab	55.9026, -28.8087, 27.4402

Details

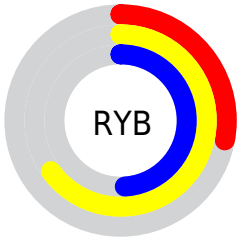
The Hex color 71A648 is a dark color, and the websafe version is hex 669933. A complement of this color would be 7D48A6, and the grayscale version is 8C8C8C.

A 20% lighter version of the original color is A7DD7B, and 3C7214 is the 20% darker color. If you saturate the color by 10%, you get 68A637, and if you desaturate by 10%, it is 7AA659.

Distribution

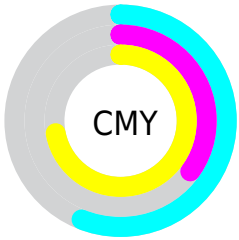


- Red (44%)
- Green (65%)
- Blue (28%)



- Red (28%)
- Yellow (65%)
- Blue (49%)

- Cyan (32%)
- Magenta (0%)
- Yellow (57%)
- Black (35%)



- Cyan (56%)
- Magenta (35%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A648 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 71A648 by changing the saturation by 10% instead.

71A648	71A648
FFFFFF	578B2F
A7DD7B	3C7214
C4FA96	215900
E0FFB1	024100
FEFFCD	002A00
FFFFEA	001100
	000000

71A648	71A648
68A637	7AA659

5EA627

55A616

4CA606

48A600

84A669

8DA67A

96A68A

A0A69B

A9A6AC

B3A6BC

BCA6CD

C5A6DD

Harmonies

Analogous

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

A59A31

71A648

11AD73

Triad

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

71A648

00A6F1

F16C8B

Complementary

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

71A648

7D48A6

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.

DE73BC

71A648

5698F7

Square

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

71A648

00AED3

AD85E4

EA765E

Rectangle

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

71A648

00AF94

AD85E4

ED6C9C

Sweetspot

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

71A648

C4D9B4

A67C48

616E58

EDEDED

6E6E6E

Same Dimension

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

71A648

86D945

48A64D

4F544C

419400

091400

Inverse Universe

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

7D48A6

9845D9

A648A1

504C54

530094

0C0014

Previews

White Background

This preview shows how the Hex color 71A648 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

This preview shows how the Hex color 71A648 looks on a black background.

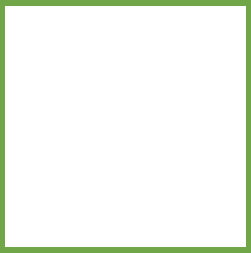
Color Contrast Check

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 71A648 Background

This preview shows how black text looks on a background with the Hex color 71A648.



This preview shows how white text looks on a background with the Hex color 71A648.

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
71A648

Protanopia
A89743

Deuteranopia
B9904E

Tritanopia
7F9CA8

Trichromacy

Original Color
71A648

Protanomaly
949C45

Deuteranomaly
9F984C

Tritanomaly
7AA085

Monochromacy

Original Color
71A648

Achromatopsia
8B8B8B

Achromatomaly
829573

CSS Examples

Text

The CSS property to change the color of the text to Hex 71A648 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 #71A648 looks like.

```
.text, #text, p{
    color:#71A648
}
```

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 #71A648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A648
}
```

Border

The CSS property to change the border of an element to Hex 71A648 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
#71A648 }
```

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

```
.border{ border-color:#71A648 }
```

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

Here you see how a box with a 4 pixel #71A648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #71A648; -webkit-box-shadow:4px 4px 4px 4px #71A648; box-shadow:4px 4px 4px 4px #71A648 }
```

Background

The CSS property to change the background color of an element to Hex 71A648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#71A648 }
```

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

```
.background{ background-color:#71A648 }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor