

Converting Colors

Hex(71A336)

Have a look what the booklet for
Hex(71A336) contains.

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Color

Hex(71A336)

Conversions

Conversions Part 1

Format	Color
Hex	71A336
RGB	113, 163, 54
RGB Percent	44%, 64%, 21%
CMY	0.5569, 0.3608, 0.7882
CMYK	0.31, 0.00, 0.67, 0.36
HSL	88°, 50%, 43%
HSV	88°, 67%, 64%
XYZ	20.5731, 29.9714, 8.1908
YIQ	135.6240, 5.1890, -44.4990

Conversions

Conversions Part 2

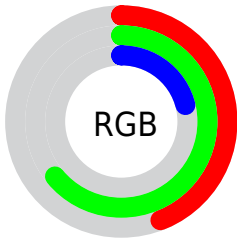
Format	Color
RYB	54, 163, 104
Decimal	7447350
CIELab	61.63, -34.40, 49.42
CIELCh	62, 60.211, 124.844
Yxy	29.9714, 0.3503, 0.5103
Android (android.graphics.Color)	4285637430 (0xFF71A336)
YUV	135.6240, -40.2406, -19.8412
Hunter-Lab	54.7462, -28.7272, 29.4517

Details

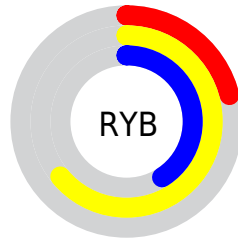
The Hex color **71A336** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6836A3**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A8DA6A**, and **3C6F00** is the 20% darker color. If you saturate the color by 10%, you get **6AA326**, and if you desaturate by 10%, it is **78A346**.

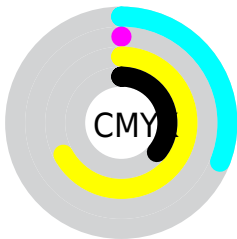
Distribution



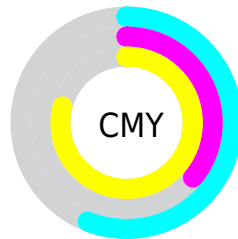
- Red (44%)
- Green (64%)
- Blue (21%)



- Red (21%)
- Yellow (64%)
- Blue (41%)



- Cyan (31%)
- Magenta (0%)
- Yellow (67%)
- Black (36%)



- Cyan (56%)
- Magenta (36%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A336 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 71A336 by changing the saturation by 10% instead.



71A336



71A336

FFFFFF



56891A



A8DA6A



3C6F00



C4F785



205600



E1FFA0



003E00



FEFFBC



002800



FFFFD8



000B00



FFFFF5



000000



71A336



71A336



6AA326



78A346

 62A315

 80A357

 5BA305

 87A367

 58A300

 8FA377

 96A388

 9EA398

 A5A3A8

 ADA3B8

 B4A3C9

Harmonies

Analogous

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



A8951D



71A336



00AB65

Triad

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



71A336



00A6F5



F4628E

Complementary

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



71A336



6836A3

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.



DC6CC3



71A336



1B98FF

Square

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



71A336



00ADD0



A283ED



F06C5B

Rectangle

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



71A336



00AE8A



A283ED



F063A0

Sweetspot

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



71A336



C0D4A9



A36736



5F6B51



EBEBEB



6B6B6B

Same Dimension

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



71A336



86D42A



3BA336



4E5249



4F9100



0A1200

Inverse Universe

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



6836A3



782AD4



9E36A3



4D4952



430091



080012

Previews

White Background



This preview shows how the Hex color 71A336 looks on a white background.

Color Contrast Check

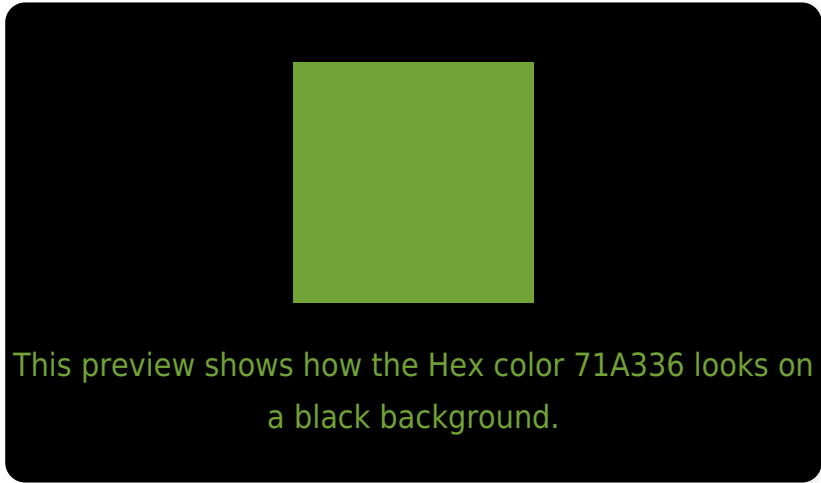
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 71A336 Background



This preview shows how black text looks on a background with the Hex color 71A336.



This preview shows how white text looks on a background with the Hex color 71A336.

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
71A336

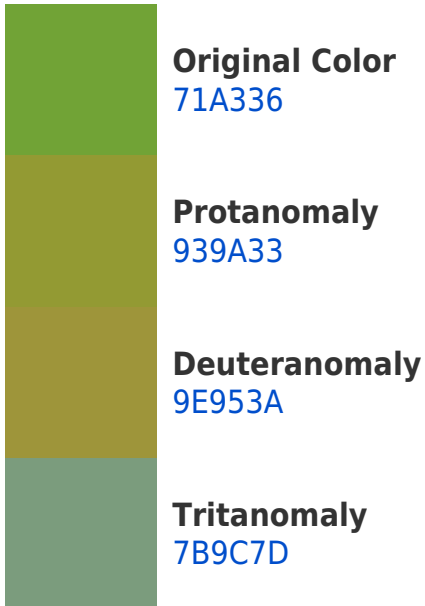
Protanopia
A69532

Deuteranopia
B88D3D

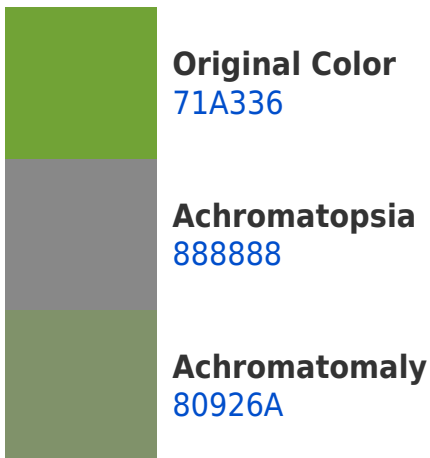


Tritanopia
8098A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A336 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 #71A336 looks like.

```
.text, #text, p{  
    color:#71A336  
}
```

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 #71A336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A336
}
```

Border

The CSS property to change the border of an element to Hex 71A336 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
#71A336 }
```

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

```
.border{ border-color:#71A336 }
```

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

Here you see how a box with a 4 pixel #71A336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A336; -webkit-box-shadow:4px 4px  
4px 4px #71A336; box-shadow:4px 4px 4px  
4px #71A336 }
```

Background

The CSS property to change the background color of an element to Hex 71A336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A336 }
```

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

```
.background{ background-color:#71A336 }
```

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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