

Converting Colors

Hex(71A463)

Have a look what the booklet for
Hex(71A463) contains.

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Color

Hex(71A463)

Conversions

Conversions Part 1

Format	Color
Hex	71A463
RGB	113, 164, 99
RGB Percent	44%, 64%, 39%
CMY	0.5569, 0.3569, 0.6118
CMYK	0.31, 0.00, 0.40, 0.36
HSL	107°, 26%, 52%
HSV	107°, 40%, 64%
XYZ	22.3376, 30.9625, 16.6034
YIQ	141.3410, -9.5310, -31.0270

Conversions

Conversions Part 2

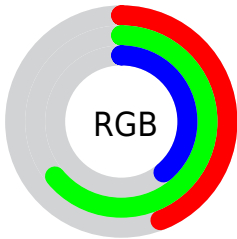
Format	Color
RYB	99, 164, 150
Decimal	7447651
CIELab	62.48, -29.70, 28.45
CIElCh	62, 41.130, 136.229
Yxy	30.9625, 0.3195, 0.4429
Android (android.graphics.Color)	4285637731 (0xFF71A463)
YUV	141.3410, -20.8741, -24.8551
Hunter-Lab	55.6439, -25.7201, 21.2594

Details

The Hex color **71A463** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9663A4**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A6DB97**, and **3E7033** is the 20% darker color. If you saturate the color by 10%, you get **64A453**, and if you desaturate by 10%, it is **7EA473**.

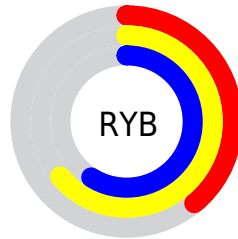
Distribution



Red (44%)

Green (64%)

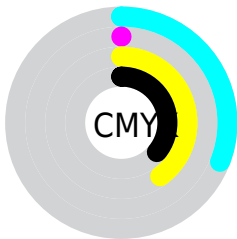
Blue (39%)



Red (39%)

Yellow (64%)

Blue (59%)

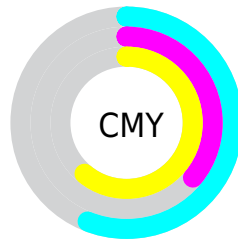


Cyan (31%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A463 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 71A463 by changing the saturation by 10% instead.

 71A463

 71A463

FFFFFF

 57894B

 A6DB97

 3E7033

 C2F8B1

 25571C

 DFFFCD

 083F04

 FCFFEA

 002900

 001000

 000000

 71A463

 71A463

 64A453

 7EA473

 57A442

 8BA484

 4AA432

 98A494

 3EA421

 A4A4A5

 31A411

 B1A4B5

 24A401

 BEA4C5

 23A400

 CBA4D6

 D8A4E6

 E5A4F7

Harmonies

Analogous

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



9A9B4F



71A463



3BA984

Triad

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



71A463



32A0DD



DD7A85

Complementary

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



71A463



9663A4

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.



D37BA9



71A463



8094DD

Square

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



71A463



00A7CB



B486CA



D48264

Rectangle

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



71A463



00AA9E



B486CA



DC7991

Sweetspot

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



71A463



C2D6BC



A49663



5F6B5C



EBEBEB



6B6B6B

Same Dimension

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



71A463



86D66F



63A475



4B5249



1F9100



041200

Inverse Universe

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



9663A4



C06FD6



A46392



504952



720091



0E0012

Previews

White Background



This preview shows how the Hex color 71A463 looks on a white background.

Color Contrast Check

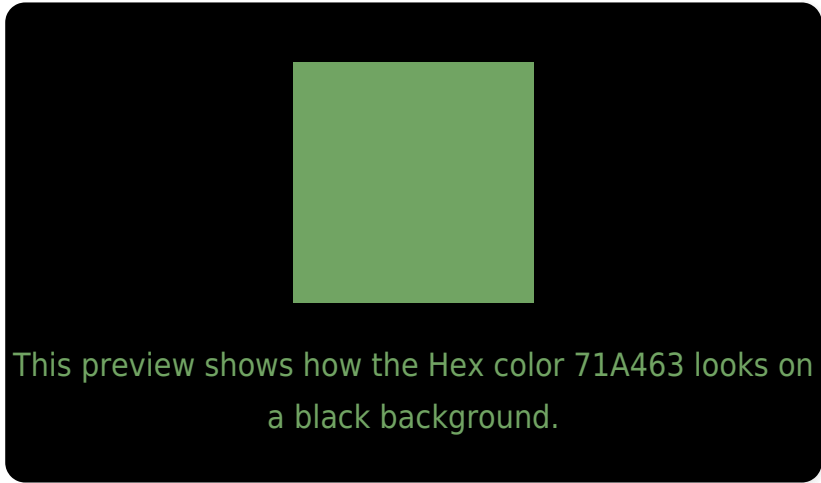
Large Text (above 18pt) WCAG AA × Fail

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 71A463 Background



This preview shows how black text looks on a background with the Hex color 71A463.



This preview shows how white text looks on a background with the Hex color 71A463.

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
71A463

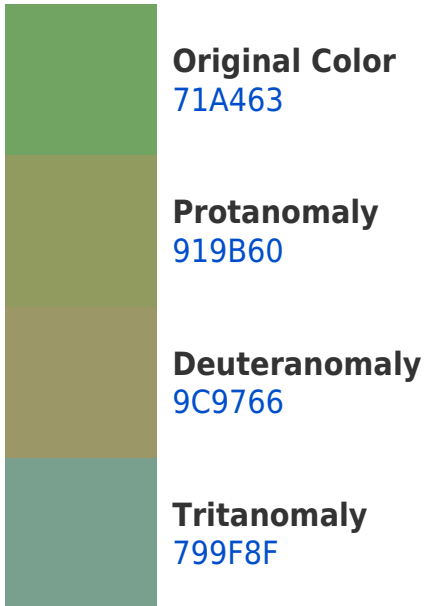
Protanopia
A4965E

Deuteranopia
B49068

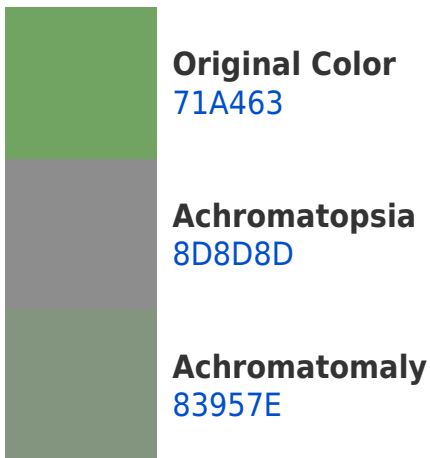


Tritanopia
7D9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A463 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 #71A463 looks like.

```
.text, #text, p{  
    color:#71A463  
}
```

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 #71A463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A463
}
```

Border

The CSS property to change the border of an element to Hex 71A463 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
#71A463 }
```

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

```
.border{ border-color:#71A463 }
```

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

Here you see how a box with a 4 pixel #71A463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A463; -webkit-box-shadow:4px 4px  
4px 4px #71A463; box-shadow:4px 4px 4px  
4px #71A463 }
```

Background

The CSS property to change the background color of an element to Hex 71A463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A463 }
```

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

```
.background{ background-color:#71A463 }
```

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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