

Converting Colors

Hex(71A135)

Have a look what the booklet for
Hex(71A135) contains.

Hex(71A135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71A135)

Conversions

Conversions Part 1

Format	Color
Hex	71A135
RGB	113, 161, 53
RGB Percent	44%, 63%, 21%
CMY	0.5569, 0.3686, 0.7922
CMYK	0.30, 0.00, 0.67, 0.37
HSL	87°, 50%, 42%
HSV	87°, 67%, 63%
XYZ	20.1975, 29.2575, 7.9509
YIQ	134.3360, 6.0600, -43.7640

Conversions

Conversions Part 2

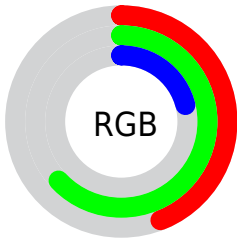
Format	Color
RYB	53, 161, 101
Decimal	7446837
CIELab	61.01, -33.56, 49.18
CIELCh	61, 59.538, 124.311
Yxy	29.2575, 0.3518, 0.5097
Android (android.graphics.Color)	4285636917 (0xFF71A135)
YUV	134.3360, -40.0986, -18.7117
Hunter-Lab	54.0902, -28.0051, 29.1479

Details

The Hex color **71A135** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6535A1**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A8D869**, and **3C6D00** is the 20% darker color. If you saturate the color by 10%, you get **6AA125**, and if you desaturate by 10%, it is **78A145**.

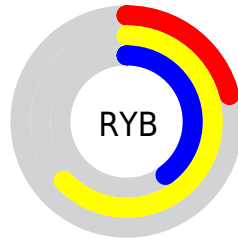
Distribution



Red (44%)

Green (63%)

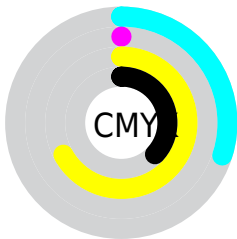
Blue (21%)



Red (21%)

Yellow (63%)

Blue (40%)

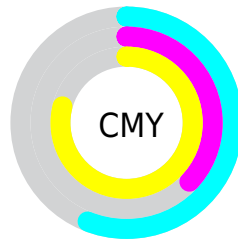


Cyan (30%)

Magenta (0%)

Yellow (67%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A135 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 71A135 by changing the saturation by 10% instead.

 71A135

 71A135


FFFFFF

 568719

 A8D869

 3C6D00

 C4F584

 215400

 E1FF9F

 003D00

 FEFFBB

 002700

 FFFFD7

 000700

 FFFFF4

 000000

 71A135

 71A135

 6AA125

 78A145

■ 63A115

■ 7FA155

■ 5CA105

■ 86A165

■ 59A100

■ 8EA175

■ 95A186

■ 9CA196

■ A3A1A6

■ AAA1B6

■ B1A1C6

Harmonies

Analogous

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



A7931D



71A135



00A963

Triad

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



71A135



00A5F2



F1618E

Complementary

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



71A135



6535A1

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.



D96CC2



71A135



1497FC

Square

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



71A135



00ABCD



9F82EB



ED6B5B

Rectangle

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



71A135



00AC87



9F82EB



ED62A0

Sweetspot

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



71A135



BFD1A7



A16435



5D694F



E8E8E8



696969

Same Dimension

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



71A135



87D12A



3CA135



4E5249



519100



0A1200

Inverse Universe

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



6535A1



742AD1



9A35A1



4D4952



410091



080012

Previews

White Background



This preview shows how the Hex color 71A135 looks on a white background.

Color Contrast Check

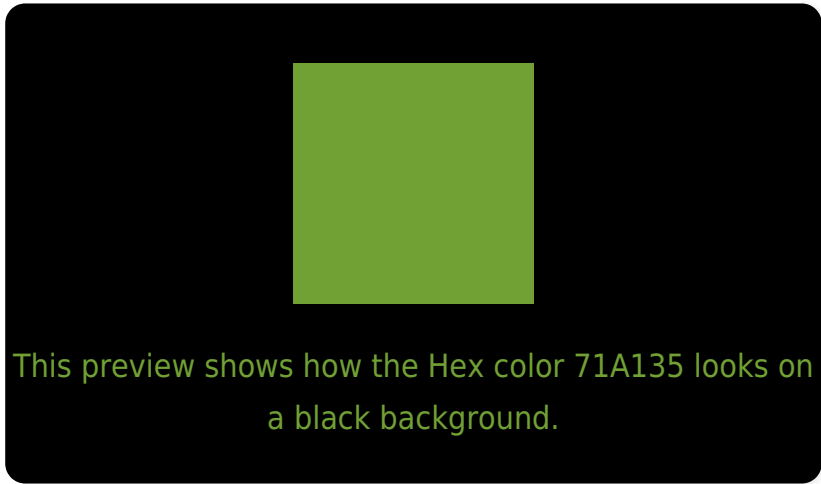
Large Text (above 18pt) WCAG AA ✓ Pass

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 71A135 Background



This preview shows how black text looks on a background with the Hex color 71A135.



This preview shows how white text looks on a background with the Hex color 71A135.

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
71A135

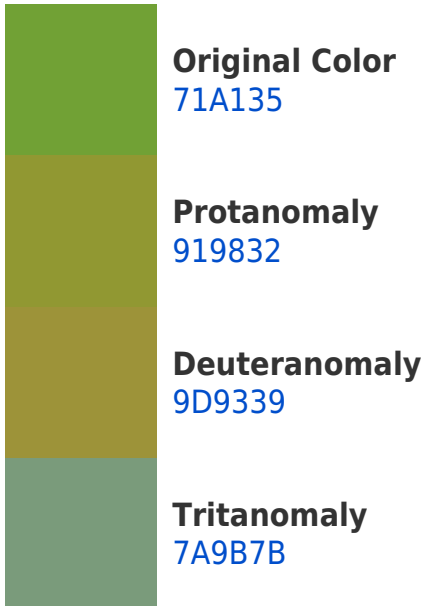
Protanopia
A49331

Deuteranopia
B68B3C

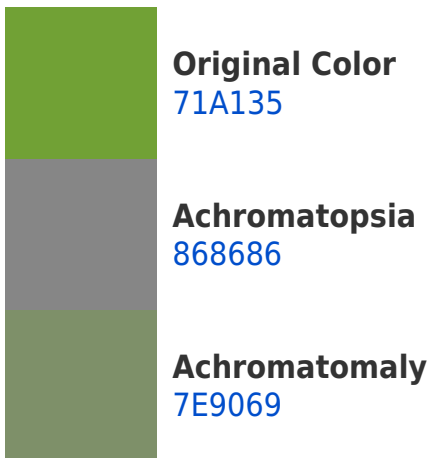


Tritanopia
7F97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A135 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 #71A135 looks like.

```
.text, #text, p{  
    color:#71A135  
}
```

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 #71A135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A135
}
```

Border

The CSS property to change the border of an element to Hex 71A135 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
#71A135 }
```

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

```
.border{ border-color:#71A135 }
```

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

Here you see how a box with a 4 pixel #71A135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A135; -webkit-box-shadow:4px 4px  
4px 4px #71A135; box-shadow:4px 4px 4px  
4px #71A135 }
```

Background

The CSS property to change the background color of an element to Hex 71A135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A135 }
```

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

```
.background{ background-color:#71A135 }
```

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