

Converting Colors

Hex(71AC53)

Have a look what the booklet for
Hex(71AC53) contains.

Hex(71AC53)	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(71AC53)

Conversions

Conversions Part 1

Format	Color
Hex	71AC53
RGB	113, 172, 83
RGB Percent	44%, 67%, 33%
CMY	0.5569, 0.3255, 0.6745
CMYK	0.34, 0.00, 0.52, 0.33
HSL	100°, 35%, 50%
HSV	100°, 52%, 67%
XYZ	23.1239, 33.6403, 13.4581
YIQ	144.2130, -6.5950, -40.1870

Conversions

Conversions Part 2

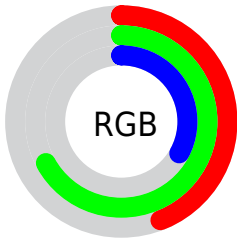
Format	Color
RYB	83, 172, 142
Decimal	7449683
CIELab	64.68, -35.61, 39.47
CIELCh	65, 53.157, 132.052
Yxy	33.6403, 0.3293, 0.4791
Android (android.graphics.Color)	4285639763 (0xFF71AC53)
YUV	144.2130, -30.1780, -27.3738
Hunter-Lab	58.0003, -30.3349, 26.8428

Details

The Hex color **71AC53** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8E53AC**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A7E487**, and **3C7721** is the 20% darker color. If you saturate the color by 10%, you get **66AC42**, and if you desaturate by 10%, it is **7CAC64**.

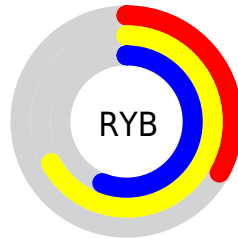
Distribution



Red (44%)

Green (67%)

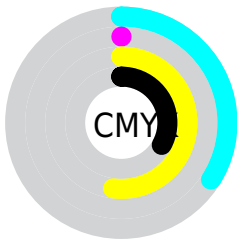
Blue (33%)



Red (33%)

Yellow (67%)

Blue (56%)

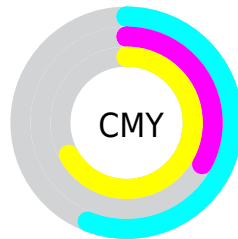


Cyan (34%)

Magenta (0%)

Yellow (52%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71AC53 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 71AC53 by changing the saturation by 10% instead.

 71AC53

 71AC53

FFFFFF

 57913A

 A7E487

 3C7721

 C4FFA1

 215E05

 E0FFBD

 004600

 FEFFD9

 002F00

 FFFFF6

 001900

 000000

 71AC53

 71AC53

 66AC42

 7CAC64

 5AAC31

 88AC75

 4FAC1F

 93AC87

 43AC0E

 9FAC98

 3AAC00

 AAACA9

 B5ACBA

 C1ACCB

 CCACDD

 D8ACEE

Harmonies

Analogous

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



A5A03A



71AC53



0DB37E

Triad

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



71AC53



00AAF7



F5738B

Complementary

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



71AC53



8E53AC

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.



E578BB



71AC53



6B9BFA

Square

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



71AC53



00B2DB



B988E4



EC7E5F

Rectangle

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



71AC53



00B49F



B988E4



F3739C

Sweetspot

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



71AC53



C9E0BC



AC8D53



62705B



F0F0F0



707070

Same Dimension

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



71AC53



84E055



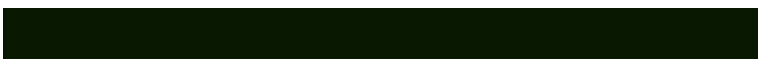
53AC60



51574E



339600



081700

Inverse Universe

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



8E53AC



B255E0



AC539F



544E57



640096



0F0017

Previews

White Background



This preview shows how the Hex color 71AC53 looks on a white background.

Color Contrast Check

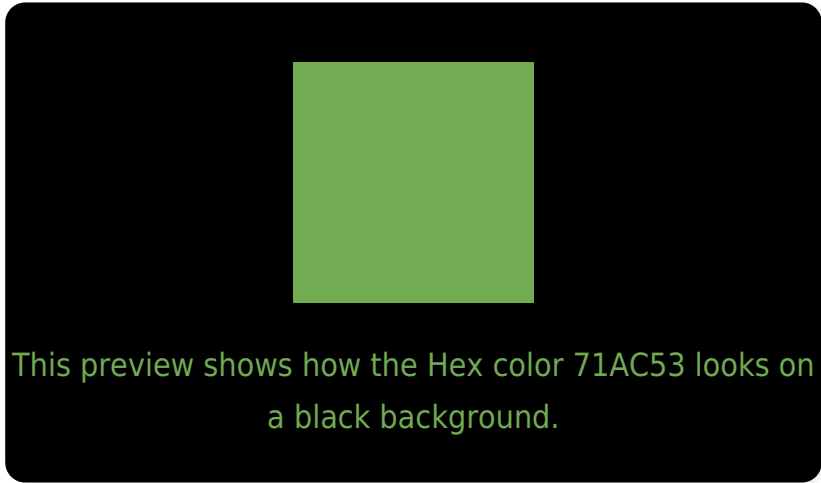
Large Text (above 18pt) WCAG AA × Fail

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 71AC53 Background



This preview shows how black text looks on a background with the Hex color 71AC53.

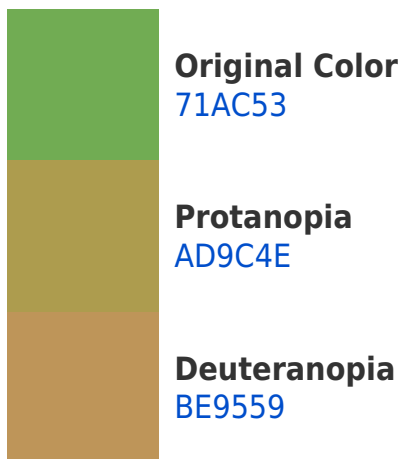


This preview shows how white text looks on a background with the Hex color 71AC53.

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](#).

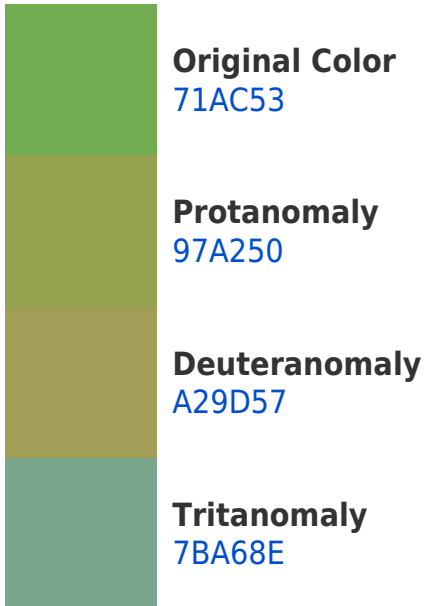
Dichromacy



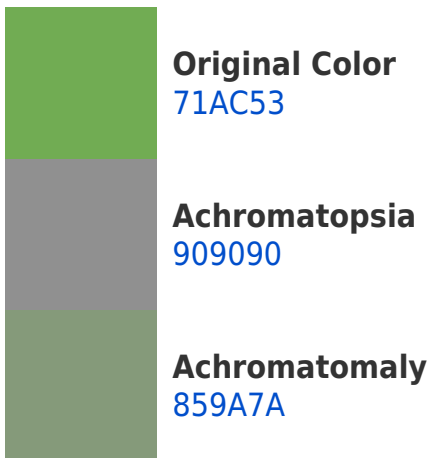


Tritanopia
80A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71AC53 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 #71AC53 looks like.

```
.text, #text, p{  
    color:#71AC53  
}
```

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 #71AC53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71AC53
}
```

Border

The CSS property to change the border of an element to Hex 71AC53 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
#71AC53 }
```

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

```
.border{ border-color:#71AC53 }
```

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

Here you see how a box with a 4 pixel #71AC53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71AC53; -webkit-box-shadow:4px 4px  
4px 4px #71AC53; box-shadow:4px 4px 4px  
4px #71AC53 }
```

Background

The CSS property to change the background color of an element to Hex 71AC53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71AC53 }
```

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

```
.background{ background-color:#71AC53 }
```

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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