

Converting Colors

Hex(71B517)

Have a look what the booklet for
Hex(71B517) contains.

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Color

Hex(71B517)

Conversions

Conversions Part 1

Format	Color
Hex	71B517
RGB	113, 181, 23
RGB Percent	44%, 71%, 9%
CMY	0.5569, 0.2902, 0.9098
CMYK	0.38, 0.00, 0.87, 0.29
HSL	86°, 77%, 40%
HSV	86°, 87%, 71%
XYZ	23.4886, 36.6203, 6.6411
YIQ	142.6560, 10.1900, -63.5540

Conversions

Conversions Part 2

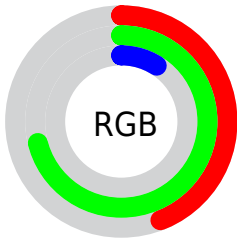
Format	Color
R_{YB}	23, 181, 91
Decimal	7451927
CIE _{Lab}	66.99, -43.95, 64.36
CIE _{LCh}	67, 77.937, 124.329
Yxy	36.6203, 0.3519, 0.5486
Android (android.graphics.Color)	4285642007 (0xFF71B517)
YUV	142.6560, -58.9904, -26.0083
Hunter-Lab	60.5147, -36.6166, 35.8536

Details

The Hex color **71B517** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5B17B5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **AAED56**, and **377F00** is the 20% darker color. If you saturate the color by 10%, you get **69B505**, and if you desaturate by 10%, it is **79B529**.

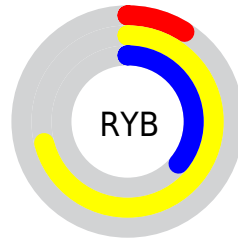
Distribution



Red (44%)

Green (71%)

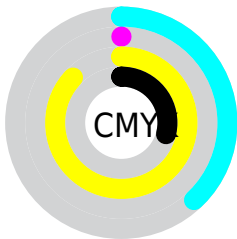
Blue (9%)



Red (9%)

Yellow (71%)

Blue (36%)

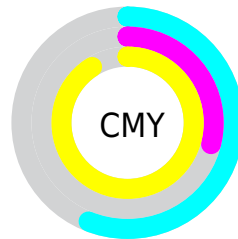


Cyan (38%)

Magenta (0%)

Yellow (87%)

Black (29%)



Cyan (56%)

Magenta (29%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B517 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 71B517 by changing the saturation by 10% instead.



71B517



71B517

FFFFFF



559A00



AAED56



377F00



C7FF72



166600



E5FF8E



004D00



FFFFAA



003500



FFFFC6



002000



FFFFE3



000000



71B517



71B517



69B505



79B529

■ 67B500

■ 81B53B

■ 88B54D

■ 90B55F

■ 98B572

■ A0B584

■ A8B596

■ AFB5A8

■ B7B5BA

Harmonies

Analogous

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



BAA300



71B517



00BF62

Triad

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



71B517



00BAFF



FF569C

Complementary

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



71B517



5B17B5

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.



FE69E1



71B517



00A8FF

Square

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



71B517



00C2F1



AF8BFF



FF6858

Rectangle

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



71B517



00C293



AF8BFF



FF58B3

Sweetspot

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



71B517



D0EBAE



B55917



667551



F5F5F5



757575

Same Dimension

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



71B517



86EB00



24B517



555950



579900



0F1A00

Inverse Universe

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



5B17B5



6500EB



A817B5



545059



420099



0B001A

Previews

White Background



This preview shows how the Hex color 71B517 looks on a white background.

Color Contrast Check

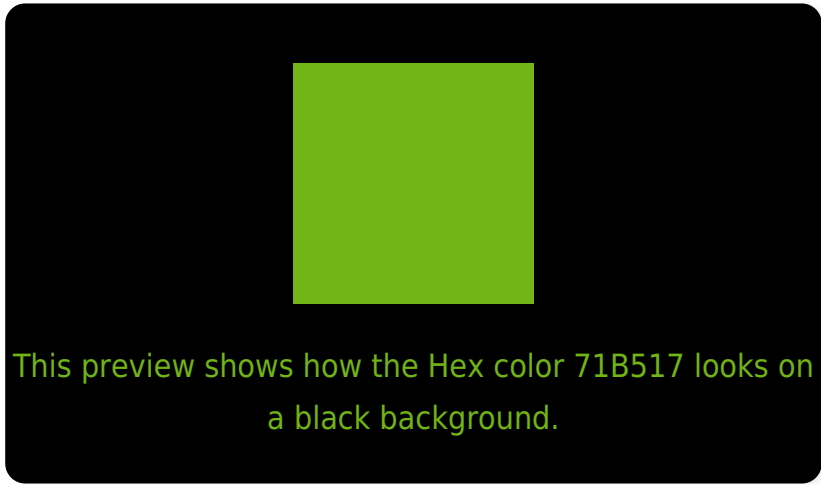
Large Text (above 18pt) WCAG AA × Fail

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 71B517 Background



This preview shows how black text looks on a background with the Hex color 71B517.



This preview shows how white text looks on a background with the Hex color 71B517.

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
71B517

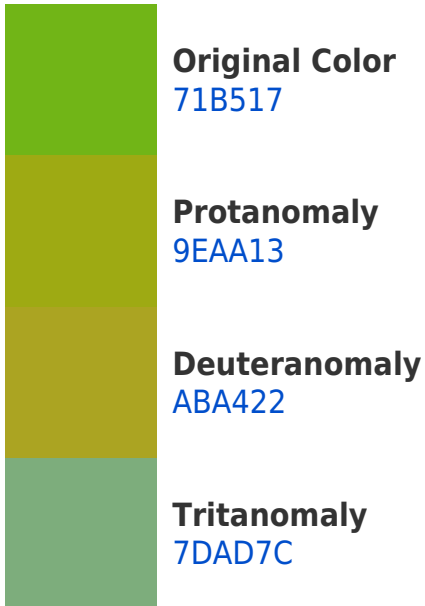
Protanopia
B7A311

Deuteranopia
CC9A29

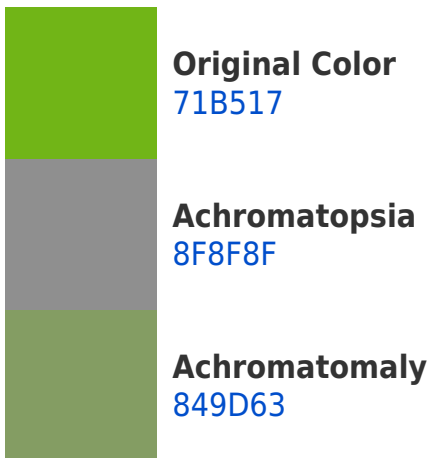


Tritanopia
84A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71B517 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 #71B517 looks like.

```
.text, #text, p{  
    color:#71B517  
}
```

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 #71B517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B517
}
```

Border

The CSS property to change the border of an element to Hex 71B517 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
#71B517 }
```

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

```
.border{ border-color:#71B517 }
```

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

Here you see how a box with a 4 pixel #71B517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B517; -webkit-box-shadow:4px 4px  
4px 4px #71B517; box-shadow:4px 4px 4px  
4px #71B517 }
```

Background

The CSS property to change the background color of an element to Hex 71B517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B517 }
```

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

```
.background{ background-color:#71B517 }
```

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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