

Converting Colors

Hex(73B916)

Have a look what the booklet for
Hex(73B916) contains.

Hex(73B916)	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(73B916)

Conversions

Conversions Part 1

Format	Color
Hex	73B916
RGB	115, 185, 22
RGB Percent	45%, 73%, 9%
CMY	0.5490, 0.2745, 0.9137
CMYK	0.38, 0.00, 0.88, 0.27
HSL	86°, 79%, 41%
HSV	86°, 88%, 73%
XYZ	24.5640, 38.4007, 6.8765
YIQ	145.4880, 10.6030, -65.5330

Conversions

Conversions Part 2

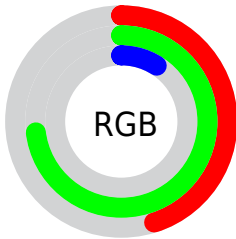
Format	Color
R_{YB}	22, 185, 92
Decimal	7584022
CIE _{Lab}	68.31, -44.94, 65.72
CIE _{LCh}	68, 79.620, 124.363
Yxy	38.4007, 0.3517, 0.5498
Android (android.graphics.Color)	4285774102 (0xFF73B916)
YUV	145.4880, -60.8796, -26.7380
Hunter-Lab	61.9683, -37.6877, 36.7985

Details

The Hex color **73B916** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5C16B9**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ACF256**, and **398300** is the 20% darker color. If you saturate the color by 10%, you get **6BB903**, and if you desaturate by 10%, it is **7BB929**.

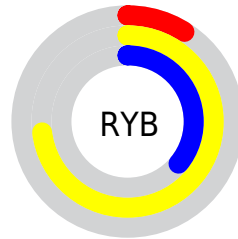
Distribution



Red (45%)

Green (73%)

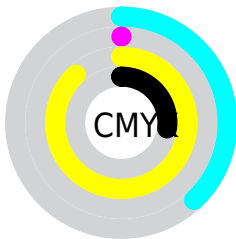
Blue (9%)



Red (9%)

Yellow (73%)

Blue (36%)

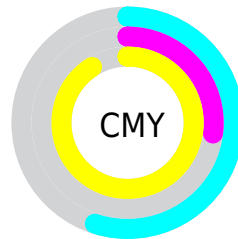


Cyan (38%)

Magenta (0%)

Yellow (88%)

Black (27%)



Cyan (55%)

Magenta (27%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73B916 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 73B916 by changing the saturation by 10% instead.

 73B916

 73B916

FFFFFF

 569E00

 ACF256

 398300

 CAFF72

 186A00

 E7FF8E

 005100

 FFFFAA

 003900

 FFFFC7

 002400

 FFFF E4

 000000

 73B916

 73B916

 6BB903

 7BB929

 6AB900

 83B93B

 8BB94D

 93B960

 9BB972

 A3B985

 ABB998

 B3B9AA

 BBB9BD

Harmonies

Analogous

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



BEA700



73B916



00C364

Triad

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



73B916



00BEFF



FF579F

Complementary

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



73B916



5C16B9

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.



FF6BE6



73B916



00ACFF

Square

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



73B916



00C6F6



B38EFF



FF6A59

Rectangle

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



73B916



00C696



B38EFF



FF5AB7

Sweetspot

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



73B916



D5F0B1



B95A16



687853



F7F7F7



787878

Same Dimension

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



73B916



89F000



24B916



585C53



599C00



101C00

Inverse Universe

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



5C16B9



6700F0



AB16B9



57535C



43009C



0C001C

Previews

White Background



This preview shows how the Hex color 73B916 looks on a white background.

Color Contrast Check

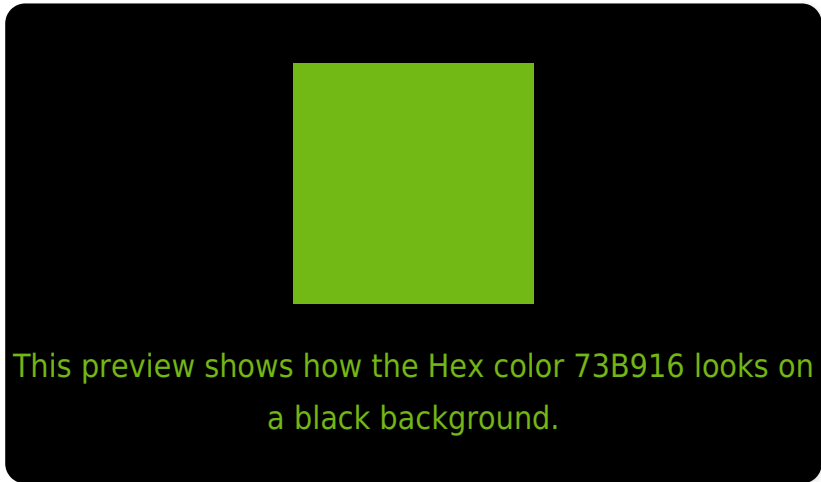
Large Text (above 18pt) WCAG AA × Fail

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 73B916 Background



This preview shows how black text looks on a background with the Hex color 73B916.

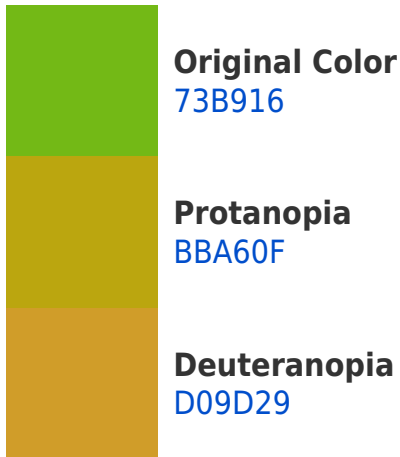


This preview shows how white text looks on a background with the Hex color 73B916.

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
87ACBA

Trichromacy



Original Color
73B916



Protanomaly
A1AD12



Deuteranomaly
AEA722



Tritanomaly
80B17E

Monochromacy



Original Color
73B916



Achromatopsia
919191



Achromatomaly
86A064

CSS Examples

Text

The CSS property to change the color of the text to Hex 73B916 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 #73B916 looks like.

```
.text, #text, p{  
    color:#73B916  
}
```

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 #73B916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B916
}
```

Border

The CSS property to change the border of an element to Hex 73B916 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
#73B916 }
```

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

```
.border{ border-color:#73B916 }
```

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

Here you see how a box with a 4 pixel #73B916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B916; -webkit-box-shadow:4px 4px  
4px 4px #73B916; box-shadow:4px 4px 4px  
4px #73B916 }
```

Background

The CSS property to change the background color of an element to Hex 73B916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B916 }
```

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

```
.background{ background-color:#73B916 }
```

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