

Converting Colors

Hex(73CB23)

Have a look what the booklet for
Hex(73CB23) contains.

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Color

Hex(73CB23)

Conversions

Conversions Part 1

Format	Color
Hex	73CB23
RGB	115, 203, 35
RGB Percent	45%, 80%, 14%
CMY	0.5490, 0.2039, 0.8627
CMYK	0.43, 0.00, 0.83, 0.20
HSL	91°, 71%, 47%
HSV	91°, 83%, 80%
XYZ	28.7295, 46.4781, 9.0471
YIQ	157.5360, 1.4800, -70.9040

Conversions

Conversions Part 2

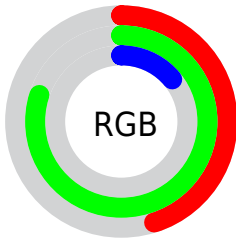
Format	Color
RYB	35, 203, 123
Decimal	7588643
CIELab	73.85, -51.75, 67.65
CIELCh	74, 85.171, 127.414
Yxy	46.4781, 0.3410, 0.5516
Android (android.graphics.Color)	4285778723 (0xFF73CB23)
YUV	157.5360, -60.4102, -37.3041
Hunter-Lab	68.1748, -44.0843, 39.8544

Details

The Hex color **73CB23** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7B23CB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **AEFF60**, and **369400** is the 20% darker color. If you saturate the color by 10%, you get **68CB0F**, and if you desaturate by 10%, it is **7ECB37**.

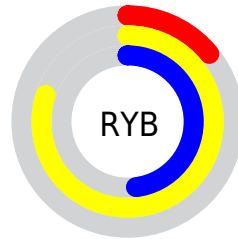
Distribution



Red (45%)

Green (80%)

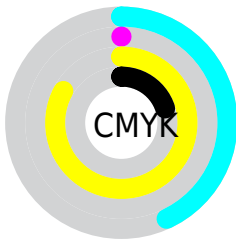
Blue (14%)



Red (14%)

Yellow (80%)

Blue (48%)

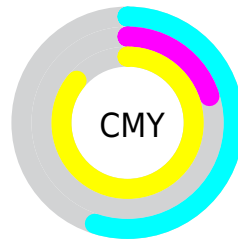


Cyan (43%)

Magenta (0%)

Yellow (83%)

Black (20%)



Cyan (55%)

Magenta (20%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73CB23 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 73CB23 by changing the saturation by 10% instead.

 73CB23

 73CB23

FFFFFF

 55AF00


 AEFF60

 369400

 CBFF7D

 077A00

 E9FF99

 006000

 FFFFB5

 004700

 FFFF D2

 003000

 FFFFF0

 001600

 000000

 73CB23

 73CB23

 68CB0F

 7ECB37

 61CB00

 88CB4C

 93CB60

 9ECB74

 A8CB89

 B3CB9D

 BDCBB1

 C8CBC5

 D3CBDA

Harmonies

Analogous

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



C8B800



73CB23



00D576

Triad

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



73CB23



00CEFF



FF5FA5

Complementary

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



73CB23



7B23CB

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.



FF71F3



73CB23



00B9FF

Square

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



73CB23



00D7FF



CF97FF



FF775A

Rectangle

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



73CB23



00D8AC



CF97FF



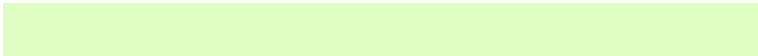
FF60C0

Sweetspot

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



73CB23



DEFFBF



CB7A23



6B8059



000000



808080

Same Dimension

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



73CB23



7BFF03



23CB26



61665C



4FA600



122600

Inverse Universe

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



7B23CB



8703FF



CB23C8



615C66



5700A6



140026

Previews

White Background



This preview shows how the Hex color 73CB23 looks on a white background.

Color Contrast Check

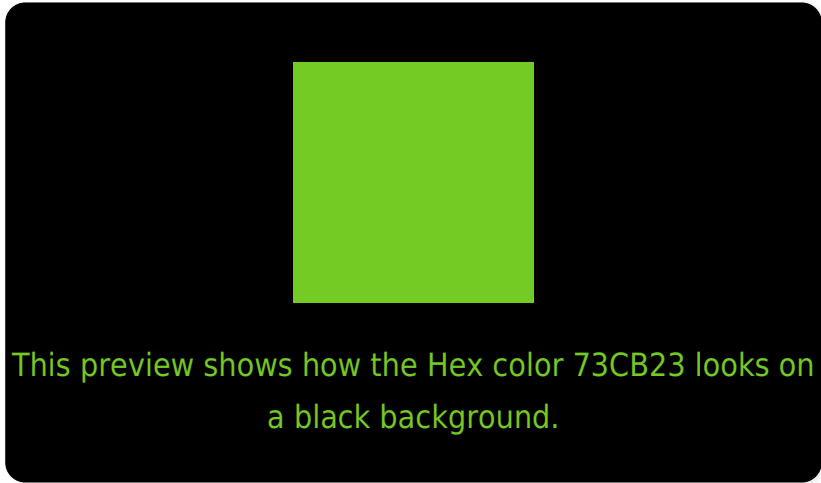
Large Text (above 18pt) WCAG AA × Fail

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 73CB23 Background



This preview shows how black text looks on a background with the Hex color 73CB23.

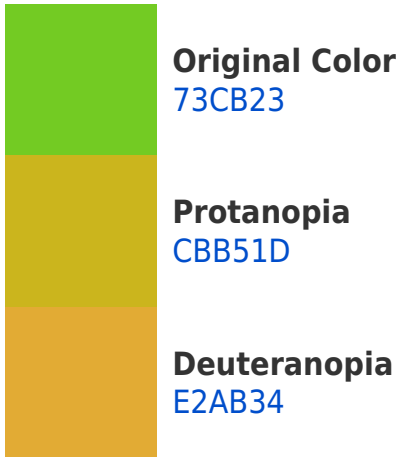


This preview shows how white text looks on a background with the Hex color 73CB23.

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](#).

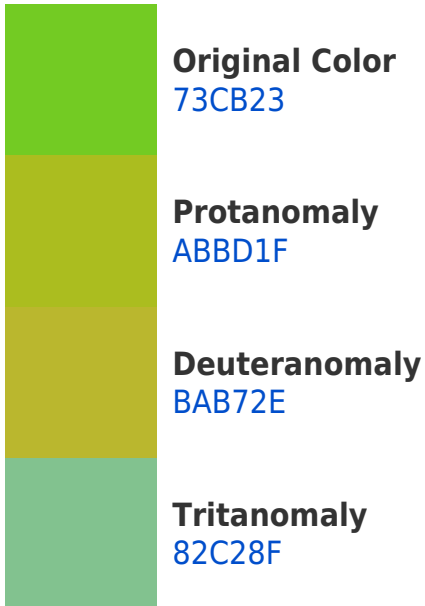
Dichromacy



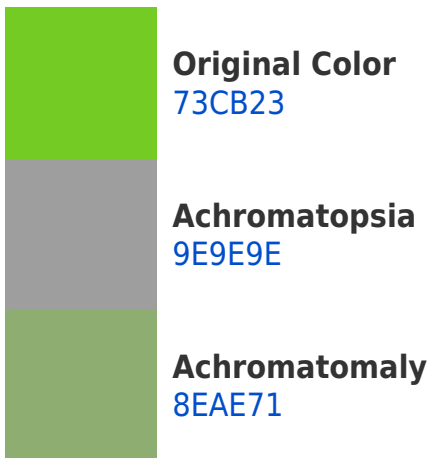


Tritanopia
8BBDCC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73CB23 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 #73CB23 looks like.

```
.text, #text, p{  
    color:#73CB23  
}
```

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 #73CB23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73CB23
}
```

Border

The CSS property to change the border of an element to Hex 73CB23 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
#73CB23 }
```

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

```
.border{ border-color:#73CB23 }
```

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

Here you see how a box with a 4 pixel #73CB23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73CB23; -webkit-box-shadow:4px 4px  
4px 4px #73CB23; box-shadow:4px 4px 4px  
4px #73CB23 }
```

Background

The CSS property to change the background color of an element to Hex 73CB23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73CB23 }
```

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

```
.background{ background-color:#73CB23 }
```

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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