

Converting Colors

Hex(73C258)

Have a look what the booklet for
Hex(73C258) contains.

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Color

Hex(73C258)

Conversions

Conversions Part 1

Format	Color
Hex	73C258
RGB	115, 194, 88
RGB Percent	45%, 76%, 35%
CMY	0.5490, 0.2392, 0.6549
CMYK	0.41, 0.00, 0.55, 0.24
HSL	105°, 46%, 55%
HSV	105°, 55%, 76%
XYZ	28.1235, 42.9330, 16.0372
YIQ	158.2950, -13.0580, -49.7140

Conversions

Conversions Part 2

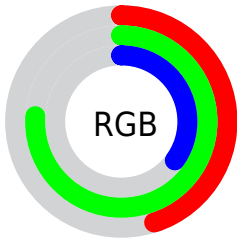
Format	Color
RYB	88, 194, 167
Decimal	7586392
CIELab	71.51, -44.02, 45.26
CIELCh	72, 63.131, 134.203
Yxy	42.9330, 0.3229, 0.4930
Android (android.graphics.Color)	4285776472 (0xFF73C258)
YUV	158.2950, -34.6554, -37.9697
Hunter-Lab	65.5233, -38.0511, 31.3548

Details

The Hex color **73C258** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A758C2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ABFB8D**, and **3B8C24** is the 20% darker color. If you saturate the color by 10%, you get **65C245**, and if you desaturate by 10%, it is **81C26B**.

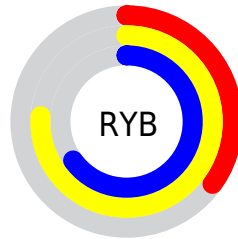
Distribution



Red (45%)

Green (76%)

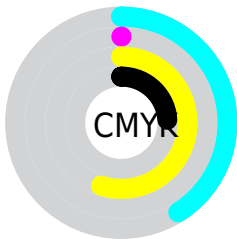
Blue (35%)



Red (35%)

Yellow (76%)

Blue (65%)

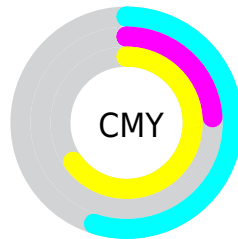


Cyan (41%)

Magenta (0%)

Yellow (55%)

Black (24%)



Cyan (55%)

Magenta (24%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73C258 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 73C258 by changing the saturation by 10% instead.



73C258



73C258

FFFFFF



57A63E



ABFB8D



3B8C24



C8FFA8



1B7204



E5FFC4



005800



FFFFE0



004000

FFFFFFD



002B00



000A00



000000



73C258



73C258

 65C245

 81C26B

 56C231

 90C27F

 48C21E

 9EC292

 39C20A

 ADC2A6

 31C200

 BBC2B9

 CAC2CC

 D8C2E0

 E7C2F3

 F5C2FF

Harmonies

Analogous

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



B4B535



73C258



00C98E

Triad

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



73C258



00BEFF



FF7B96

Complementary

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



73C258



A758C2

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.



FF7FD0



73C258



77ACFF

Square

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



73C258



00C8FE



D694FF



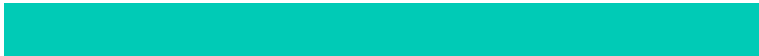
FF8B61

Rectangle

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



73C258



00CBB6



D694FF



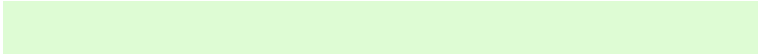
FF7AA9

Sweetspot

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



73C258



DEFCD4



C2A658



6D8067



000000



808080

Same Dimension

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



73C258



80FC56



58C271



5A6157



29A100



082100

Inverse Universe

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



A758C2



D256FC



C258A9



5E5761



7800A1



190021

Previews

White Background



This preview shows how the Hex color 73C258 looks on a white background.

Color Contrast Check

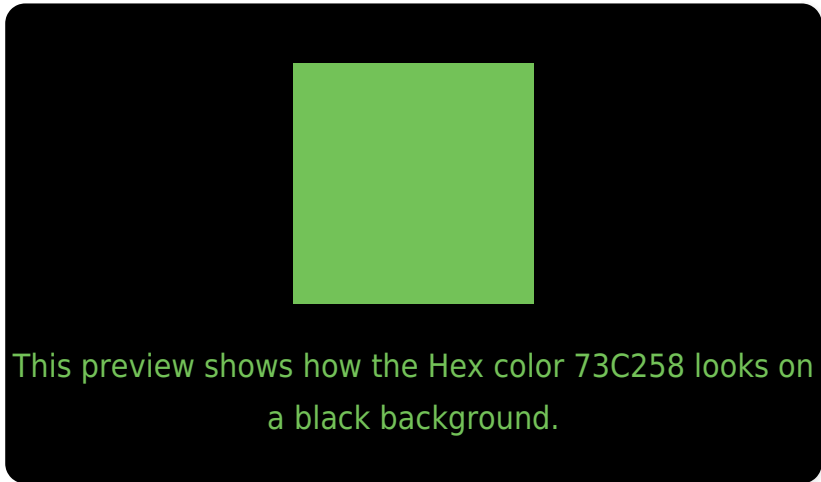
Large Text (above 18pt) WCAG AA × Fail

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 73C258 Background



This preview shows how black text looks on a background with the Hex color 73C258.

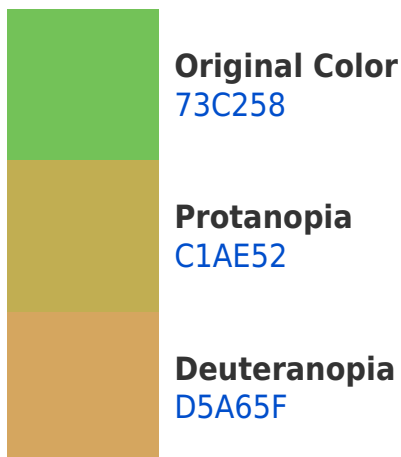


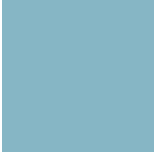
This preview shows how white text looks on a background with the Hex color 73C258.

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](#).

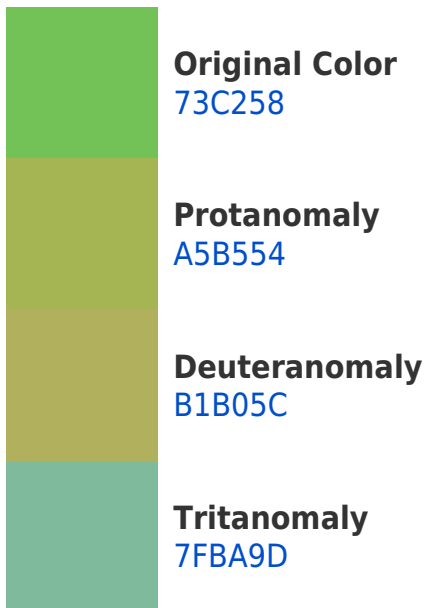
Dichromacy





Tritanopia
86B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73C258 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 #73C258 looks like.

```
.text, #text, p{  
    color:#73C258  
}
```

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 #73C258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C258
}
```

Border

The CSS property to change the border of an element to Hex 73C258 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
#73C258 }
```

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

```
.border{ border-color:#73C258 }
```

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

Here you see how a box with a 4 pixel #73C258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C258; -webkit-box-shadow:4px 4px  
4px 4px #73C258; box-shadow:4px 4px 4px  
4px #73C258 }
```

Background

The CSS property to change the background color of an element to Hex 73C258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C258 }
```

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

```
.background{ background-color:#73C258 }
```

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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