

Converting Colors

Hex(73C168)

Have a look what the booklet for
Hex(73C168) contains.

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Color

Hex(73C168)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 73C168 |
| RGB | 115, 193, 104 |
| RGB Percent | 45%, 76%, 41% |
| CMY | 0.5490, 0.2431, 0.5922 |
| CMYK | 0.40, 0.00, 0.46, 0.24 |
| HSL | 113°, 42%, 58% |
| HSV | 113°, 46%, 76% |
| XYZ | 28.6389, 42.7842, 19.8455 |
| YIQ | 159.5320, -17.9190, -44.2150 |

Conversions

Conversions Part 2

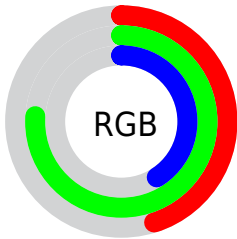
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 104, 193, 182 |
| Decimal | 7586152 |
| CIELab | 71.41, -41.56, 37.31 |
| CIELCh | 71, 55.846, 138.083 |
| Yxy | 42.7842, 0.3138, 0.4688 |
| Android (android.graphics.Color) | 4285776232 (0xFF73C168) |
| YUV | 159.5320, -27.3773, -39.0546 |
| Hunter-Lab | 65.4097, -36.3127, 27.7980 |

Details

The Hex color **73C168** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B668C1**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **AAFA9D**, and **3C8B36** is the 20% darker color. If you saturate the color by 10%, you get **62C155**, and if you desaturate by 10%, it is **84C17B**.

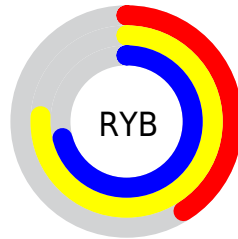
Distribution



Red (45%)

Green (76%)

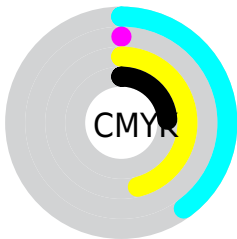
Blue (41%)



Red (41%)

Yellow (76%)

Blue (71%)

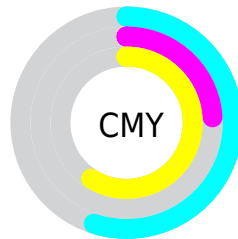


Cyan (40%)

Magenta (0%)

Yellow (46%)

Black (24%)



Cyan (55%)

Magenta (24%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73C168 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 73C168 by changing the saturation by 10% instead.

 73C168

 73C168

FFFFFF

 58A64F

 AAFA9D

 3C8B36

 C7FFB8

 1E711E

 E4FFD4

 005802

 FFFFF1

 003F00

 002A00

 000A00

 000000

 73C168

 73C168

 62C155

 84C17B

 51C141

 95C18F

 40C12E

 A6C1A2

 2FC11B

 B7C1B5

 1EC107

 C8C1C8

 18C100

 D8C1DC

 E9C1EF

 FAC1FF

 FFC1FF

Harmonies

Analogous

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



AEB649



73C168



00C798

Triad

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



73C168



00BAFF



FF8492

Complementary

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



73C168



B668C1

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.



FF85C5



73C168



8FAAFF

Square

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



73C168



00C4FA



D995F3



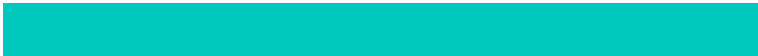
FF9265

Rectangle

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



73C168



00C8BC



D995F3



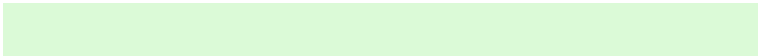
FF82A3

Sweetspot

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



73C168



DBFAD7



C1B568



6A7D68



FCFCFC



7D7D7D

Same Dimension

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



73C168



81FA70



68C189



586157



14A100



042100

Inverse Universe

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



B668C1



E970FA



C168A0



605761



8D00A1



1D0021

Previews

White Background



This preview shows how the Hex color 73C168 looks on a white background.

Color Contrast Check

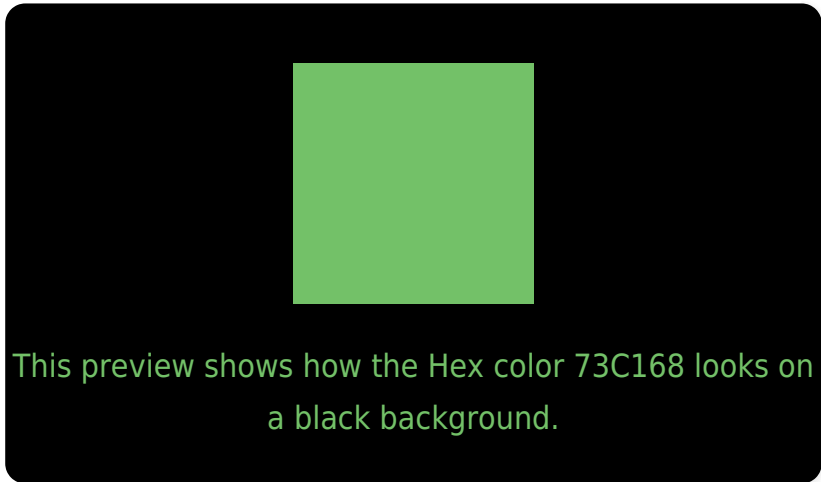
Large Text (above 18pt) WCAG AA × Fail

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 73C168 Background



This preview shows how black text looks on a background with the Hex color 73C168.



This preview shows how white text looks on a background with the Hex color 73C168.

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
73C168

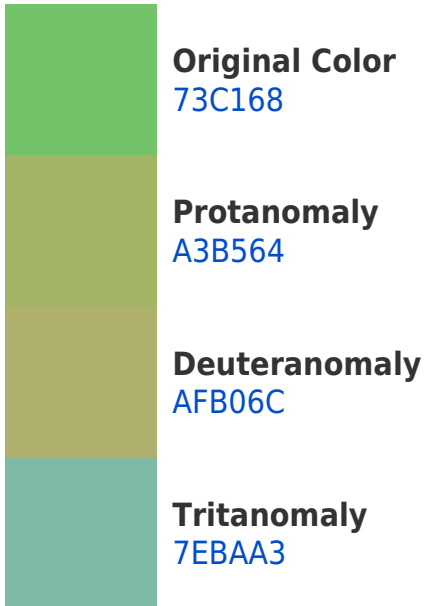
Protanopia
BFAE61

Deuteranopia
D2A66E

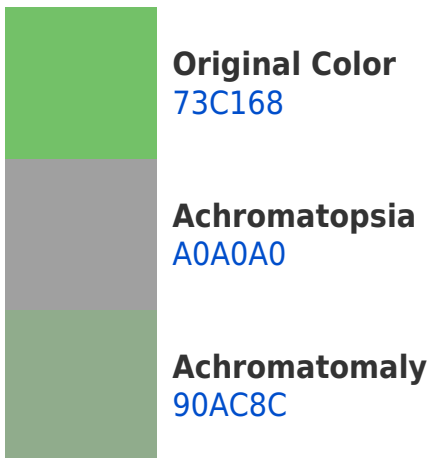


Tritanopia
84B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73C168 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 #73C168 looks like.

```
.text, #text, p{  
    color:#73C168  
}
```

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 #73C168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C168
}
```

Border

The CSS property to change the border of an element to Hex 73C168 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
#73C168 }
```

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

```
.border{ border-color:#73C168 }
```

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

Here you see how a box with a 4 pixel #73C168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C168; -webkit-box-shadow:4px 4px  
4px 4px #73C168; box-shadow:4px 4px 4px  
4px #73C168 }
```

Background

The CSS property to change the background color of an element to Hex 73C168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C168 }
```

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

```
.background{ background-color:#73C168 }
```

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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