

Converting Colors

Hex(72C178)

Have a look what the booklet for
Hex(72C178) contains.

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Color

Hex(72C178)

Conversions

Conversions Part 1

Format	Color
Hex	72C178
RGB	114, 193, 120
RGB Percent	45%, 76%, 47%
CMY	0.5529, 0.2431, 0.5294
CMYK	0.41, 0.00, 0.38, 0.24
HSL	125°, 39%, 60%
HSV	125°, 41%, 76%
XYZ	29.3996, 43.0734, 24.5338
YIQ	161.0570, -23.6510, -39.4510

Conversions

Conversions Part 2

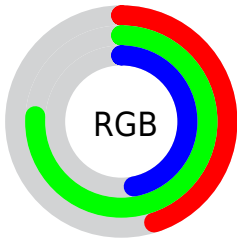
Format	Color
RYB	114, 187, 193
Decimal	7520632
CIELab	71.60, -39.46, 29.34
CIELCh	72, 49.173, 143.368
Yxy	43.0734, 0.3031, 0.4440
Android (android.graphics.Color)	4285710712 (0xFF72C178)
YUV	161.0570, -20.2411, -41.2690
Hunter-Lab	65.6303, -34.8928, 23.7776

Details

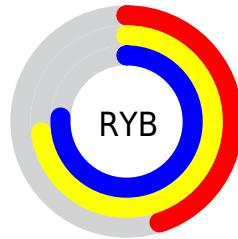
The Hex color **72C178** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C172BB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A9FAAD**, and **3C8B46** is the 20% darker color. If you saturate the color by 10%, you get **5FC166**, and if you desaturate by 10%, it is **85C18A**.

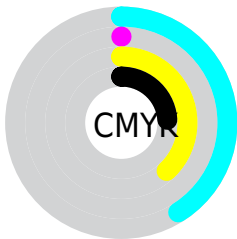
Distribution



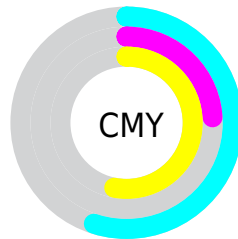
- Red (45%)
- Green (76%)
- Blue (47%)



- Red (45%)
- Yellow (73%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72C178 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 72C178 by changing the saturation by 10% instead.



72C178



72C178

FFFFFF



57A65F



A9FAAD



3C8B46



C5FFC9



1E712F



E2FFE5



005818



004000



002A00



000B00



000000



72C178



72C178

 5FC166

 85C18A

 4BC154

 99C19C

 38C142

 ACC1AE

 25C131

 BFC1BF

 12C11F

 D3C1D1

 00C10F

 E6C1E3

 F9C1F5

 FFC1FF

Harmonies

Analogous

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



A7B75A



72C178



10C6A4

Triad

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



72C178



47B7FF



FF8C8E

Complementary

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



72C178



C172BB

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.



FE8BBB



72C178



A3A8FF

Square

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



72C178



00C1F6



DE96E5



F49969

Rectangle

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



72C178



00C7C3



DE96E5



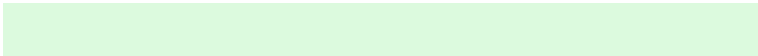
FF8A9D

Sweetspot

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



72C178



DCFADE



BCC172



6B7D6D



FCFCFC



7D7D7D

Same Dimension

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



72C178



7FFA89



72C19F



576158



00A10C



002103

Inverse Universe

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



C172BB



FA7FF1



C17294



615760



A10094



21001F

Previews

White Background



This preview shows how the Hex color 72C178 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



This preview shows how the Hex color 72C178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

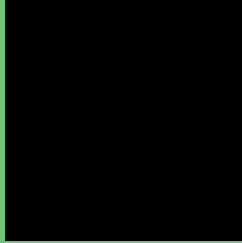
Any Text WCAG AA ✓ Pass

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 72C178 Background



This preview shows how black text looks on a background with the Hex color 72C178.

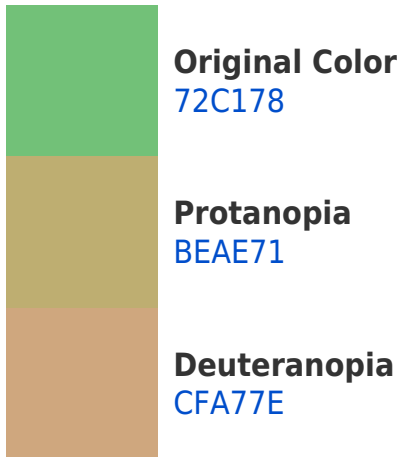


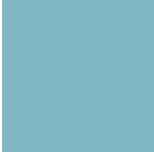
This preview shows how white text looks on a background with the Hex color 72C178.

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](#).

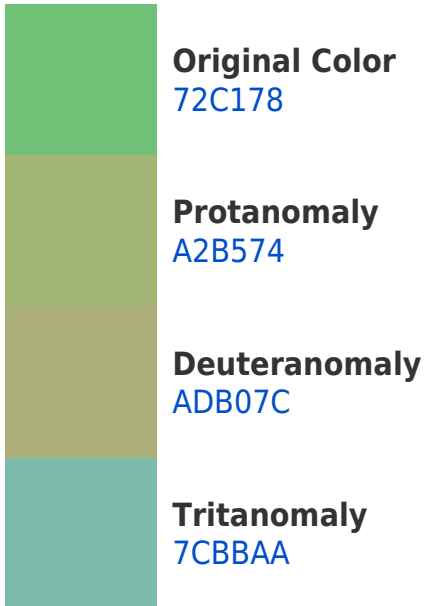
Dichromacy



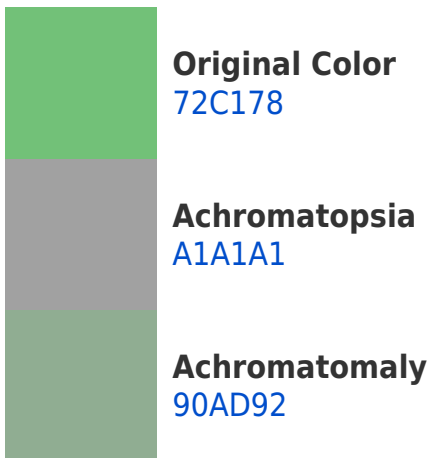


Tritanopia
82B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72C178 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 #72C178 looks like.

```
.text, #text, p{  
    color:#72C178  
}
```

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 #72C178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C178
}
```

Border

The CSS property to change the border of an element to Hex 72C178 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
#72C178 }
```

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

```
.border{ border-color:#72C178 }
```

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

Here you see how a box with a 4 pixel #72C178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C178; -webkit-box-shadow:4px 4px  
4px 4px #72C178; box-shadow:4px 4px 4px  
4px #72C178 }
```

Background

The CSS property to change the background color of an element to Hex 72C178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C178 }
```

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

```
.background{ background-color:#72C178 }
```

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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