

Converting Colors

Hex(78C243)

Have a look what the booklet for
Hex(78C243) contains.

Hex(78C243)	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(78C243)

Conversions

Conversions Part 1

Format	Color
Hex	78C243
RGB	120, 194, 67
RGB Percent	47%, 76%, 26%
CMY	0.5294, 0.2392, 0.7373
CMYK	0.38, 0.00, 0.65, 0.24
HSL	95°, 51%, 51%
HSV	95°, 65%, 76%
XYZ	28.0506, 42.9819, 12.1281
YIQ	157.3960, -3.3370, -55.1850

Conversions

Conversions Part 2

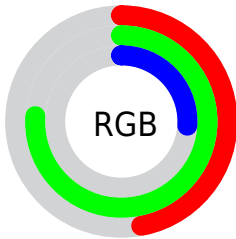
Format	Color
RYB	67, 194, 141
Decimal	7914051
CIELab	71.54, -44.45, 54.71
CIELCh	72, 70.486, 129.092
Yxy	42.9819, 0.3373, 0.5169
Android (android.graphics.Color)	4286104131 (0xFF78C243)
YUV	157.3960, -44.5652, -32.7963
Hunter-Lab	65.5606, -38.3583, 34.9243

Details

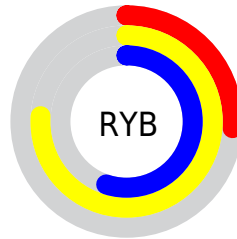
The Hex color **78C243** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8D43C2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B1FB79**, and **3F8C00** is the 20% darker color. If you saturate the color by 10%, you get **6DC230**, and if you desaturate by 10%, it is **83C256**.

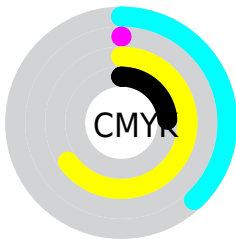
Distribution



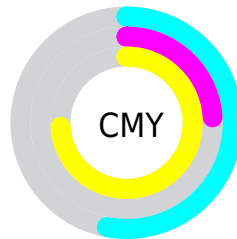
- Red (47%)
- Green (76%)
- Blue (26%)



- Red (26%)
- Yellow (76%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (65%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C243 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 78C243 by changing the saturation by 10% instead.



78C243



78C243

FFFFFF



5CA627



B1FB79



3F8C00



CEFF94



207200



EBFFB0



005800



FFFCC



004000



FFFEE9



002B00



000B00



000000



78C243



78C243

 6DC230

 83C256

 61C21C

 8FC26A

 56C209

 9AC27D

 51C200

 A5C291

 B1C2A4

 BCC2B7

 C7C2CB

 D2C2DE

 DEC2F2

Harmonies

Analogous

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



BEB21A



78C243



00CB7F

Triad

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



78C243



00C2FF



FF719E

Complementary

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



78C243



8D43C2

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.



FF7ADF



78C243



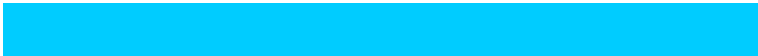
43B0FF

Square

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



78C243



00CCFF



CB95FF



FF8161

Rectangle

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



78C243



00CDAB



CB95FF



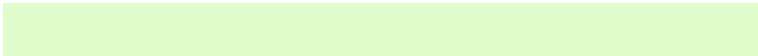
FF71B4

Sweetspot

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



78C243



DFFCCA



C28B43



6E8061



000000



808080

Same Dimension

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



78C243



88FC35



43C24B



5B6157



43A100



0E2100

Inverse Universe

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



8D43C2



A935FC



C243BA



5D5761



5E00A1



130021

Previews

White Background



This preview shows how the Hex color 78C243 looks on a white background.

Color Contrast Check

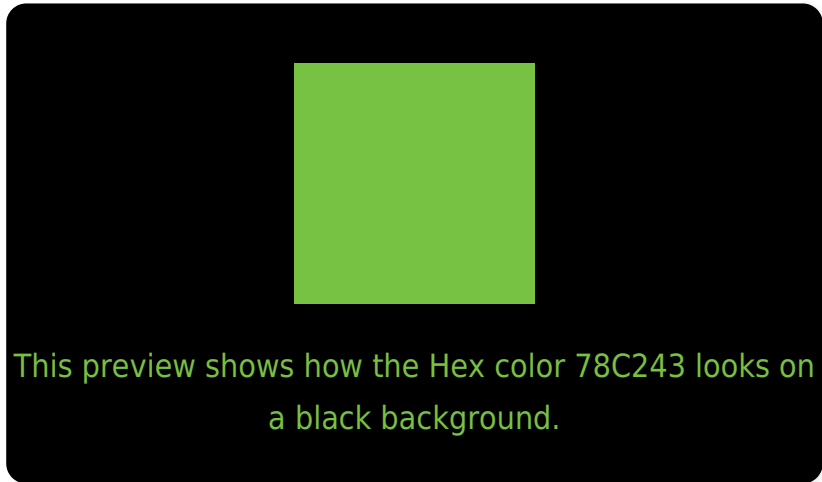
Large Text (above 18pt) WCAG AA × Fail

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 78C243 Background



This preview shows how black text looks on a background with the Hex color 78C243.

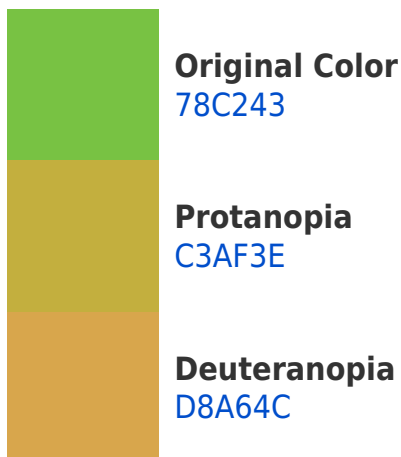


This preview shows how white text looks on a background with the Hex color 78C243.

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
8CB5C4

Trichromacy



Original Color
78C243



Protanomaly
A8B640



Deuteranomaly
B5B049



Tritanomaly
85BA95

Monochromacy



Original Color
78C243



Achromatopsia
9D9D9D



Achromatomaly
90AA7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 78C243 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 #78C243 looks like.

```
.text, #text, p{  
    color:#78C243  
}
```

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 #78C243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C243
}
```

Border

The CSS property to change the border of an element to Hex 78C243 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
#78C243 }
```

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

```
.border{ border-color:#78C243 }
```

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

Here you see how a box with a 4 pixel #78C243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C243; -webkit-box-shadow:4px 4px  
4px 4px #78C243; box-shadow:4px 4px 4px  
4px #78C243 }
```

Background

The CSS property to change the background color of an element to Hex 78C243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C243 }
```

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

```
.background{ background-color:#78C243 }
```

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