

Converting Colors

Hex(78C276)

Have a look what the booklet for
Hex(78C276) contains.

Hex(78C276)	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(78C276)

Conversions

Conversions Part 1

Format	Color
Hex	78C276
RGB	120, 194, 118
RGB Percent	47%, 76%, 46%
CMY	0.5294, 0.2392, 0.5373
CMYK	0.38, 0.00, 0.39, 0.24
HSL	118°, 38%, 61%
HSV	118°, 39%, 76%
XYZ	30.3075, 43.8846, 24.0128
YIQ	163.2100, -19.7080, -39.3240

Conversions

Conversions Part 2

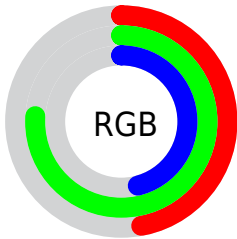
Format	Color
RYB	118, 194, 192
Decimal	7914102
CIELab	72.15, -38.37, 31.15
CIELCh	72, 49.424, 140.929
Yxy	43.8846, 0.3086, 0.4469
Android (android.graphics.Color)	4286104182 (0xFF78C276)
YUV	163.2100, -22.2885, -37.8952
Hunter-Lab	66.2455, -34.2653, 24.8803

Details

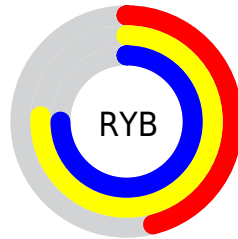
The Hex color **78C276** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C076C2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **AFFBAB**, and **428C44** is the 20% darker color. If you saturate the color by 10%, you get **65C263**, and if you desaturate by 10%, it is **8BC289**.

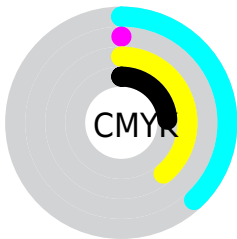
Distribution



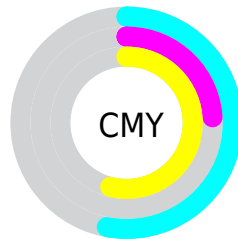
- Red (47%)
- Green (76%)
- Blue (46%)



- Red (46%)
- Yellow (76%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (39%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C276 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 78C276 by changing the saturation by 10% instead.

 78C276

 78C276

FFFFFF

 5DA75D

 AFFBAB

 428C44

 CBFFC6

 26722D

 E8FFE3

 005915

 004100

 002A00

 000E00

 000000

 78C276

 78C276

 65C263

 8BC289

 52C24F

 9EC29D

 3FC23C

 B1C2B0

 2CC228

 C4C2C4

 1AC215

 D6C2D7

 07C202

 E9C2EA

 05C200

 FCC2FE

 FFC2FF

Harmonies

Analogous

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



ADB85A



78C276



23C7A1

Triad

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



78C276



3DBAFF



FF8D93

Complementary

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



78C276



C076C2

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.



FE8DC1



78C276



9FAAFF

Square

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



78C276



00C4F6



DC99EA



F8996C

Rectangle

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



78C276



00C8C1



DC99EA



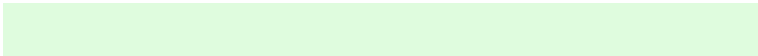
FF8BA2

Sweetspot

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



78C276



DFFCDE



C2BF76



6E806E



000000



808080

Same Dimension

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



78C276



89FC86



76C299



576157



04A100



012100

Inverse Universe

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



C076C2



F986FC



C2769F



615761



9C00A1



200021

Previews

White Background



This preview shows how the Hex color 78C276 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 78C276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

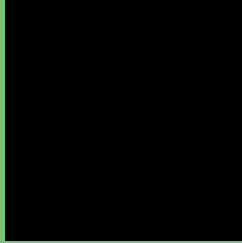
Any Text WCAG AA ✓ Pass

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 78C276 Background



This preview shows how black text looks on a background with the Hex color 78C276.

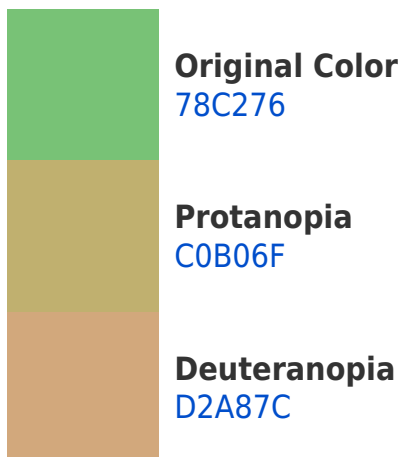


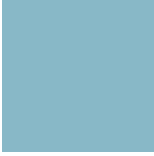
This preview shows how white text looks on a background with the Hex color 78C276.

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
88B8C7

Trichromacy



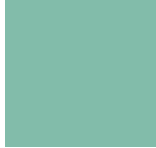
Original Color
78C276



Protanomaly
A6B772



Deuteranomaly
B1B17A



Tritanomaly
82BCAA

Monochromacy



Original Color
78C276



Achromatopsia
A3A3A3



Achromatomaly
93AE93

CSS Examples

Text

The CSS property to change the color of the text to Hex 78C276 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 #78C276 looks like.

```
.text, #text, p{  
    color:#78C276  
}
```

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 #78C276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C276
}
```

Border

The CSS property to change the border of an element to Hex 78C276 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
#78C276 }
```

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

```
.border{ border-color:#78C276 }
```

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

Here you see how a box with a 4 pixel #78C276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C276; -webkit-box-shadow:4px 4px  
4px 4px #78C276; box-shadow:4px 4px 4px  
4px #78C276 }
```

Background

The CSS property to change the background color of an element to Hex 78C276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C276 }
```

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

```
.background{ background-color:#78C276 }
```

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