

Converting Colors

Hex(78B048)

Have a look what the booklet for
Hex(78B048) contains.

Hex(78B048)	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(78B048)

Conversions

Conversions Part 1

Format	Color
Hex	78B048
RGB	120, 176, 72
RGB Percent	47%, 69%, 28%
CMY	0.5294, 0.3098, 0.7176
CMYK	0.32, 0.00, 0.59, 0.31
HSL	92°, 42%, 49%
HSV	92°, 59%, 69%
XYZ	24.4408, 35.5116, 11.6972
YIQ	147.4000, 0.0080, -44.2160

Conversions

Conversions Part 2

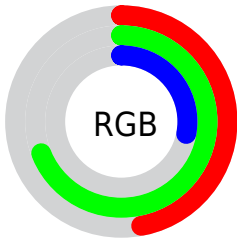
Format	Color
RYB	72, 176, 128
Decimal	7909448
CIELab	66.15, -36.12, 46.55
CIELCh	66, 58.923, 127.808
Yxy	35.5116, 0.3411, 0.4956
Android (android.graphics.Color)	4286099528 (0xFF78B048)
YUV	147.4000, -37.1722, -24.0298
Hunter-Lab	59.5916, -31.0758, 30.0762

Details

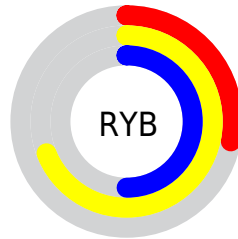
The Hex color **78B048** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8048B0**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AFE87C**, and **427B12** is the 20% darker color. If you saturate the color by 10%, you get **6FB036**, and if you desaturate by 10%, it is **81B05A**.

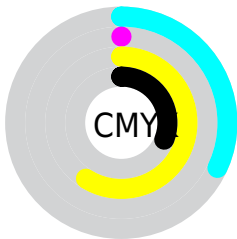
Distribution



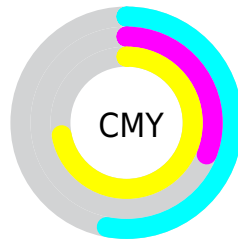
- Red (47%)
- Green (69%)
- Blue (28%)



- Red (28%)
- Yellow (69%)
- Blue (50%)



- Cyan (32%)
- Magenta (0%)
- Yellow (59%)
- Black (31%)



- Cyan (53%)
- Magenta (31%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B048 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 78B048 by changing the saturation by 10% instead.

 78B048

 78B048

FFFFFF

 5D952E

 AFE87C

 427B12

 CCFF97

 276200

 E9FFB2

 074900

 FFFFCE

 003200

 FFFFEB

 001E00

 000000

 78B048

 78B048

 6FB036

 81B05A

 65B025

 8BB06B

 5CB013

 94B07D

 52B002

 9EB08E

 51B000

 A7B0A0

 B1B0B2

 BAB0C3

 C4B0D5

 CDB0E6

Harmonies

Analogous

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



B0A32F



78B048



02B877

Triad

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



78B048



00B1FF



FF7095

Complementary

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



78B048



8048B0

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.



EC78CA



78B048



50A2FF

Square

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



78B048



00B9E0



B68DF5



FA7B63

Rectangle

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



78B048



00BA9B



B68DF5



FE71A7

Sweetspot

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



78B048



CFE6BC



B07F48



65735A



F2F2F2



737373

Same Dimension

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



78B048



8EE643



48B04B



545950



479900



0C1A00

Inverse Universe

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



8048B0



9A43E6



B048AD



555059



520099



0E001A

Previews

White Background



This preview shows how the Hex color 78B048 looks on a white background.

Color Contrast Check

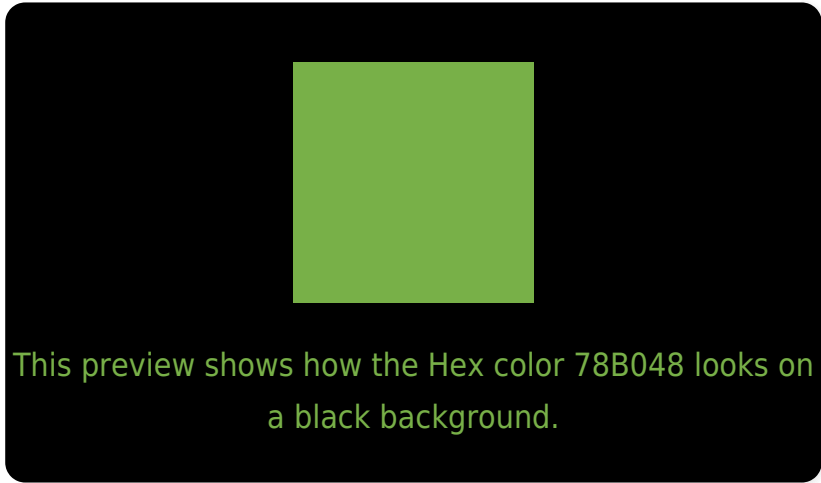
Large Text (above 18pt) WCAG AA × Fail

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 78B048 Background



This preview shows how black text looks on a background with the Hex color 78B048.



This preview shows how white text looks on a background with the Hex color 78B048.

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
78B048

Protanopia
B2A043

Deuteranopia
C5984F



Tritanopia
87A5B2

Trichromacy



Original Color
78B048

Protanomaly
9DA645

Deuteranomaly
A9A14C

Tritanomaly
82A98B

Monochromacy



Original Color
78B048

Achromatopsia
939393

Achromatomaly
899E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 78B048 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 #78B048 looks like.

```
.text, #text, p{  
    color:#78B048  
}
```

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 #78B048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B048
}
```

Border

The CSS property to change the border of an element to Hex 78B048 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
#78B048 }
```

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

```
.border{ border-color:#78B048 }
```

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

Here you see how a box with a 4 pixel #78B048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B048; -webkit-box-shadow:4px 4px  
4px 4px #78B048; box-shadow:4px 4px 4px  
4px #78B048 }
```

Background

The CSS property to change the background color of an element to Hex 78B048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B048 }
```

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

```
.background{ background-color:#78B048 }
```

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