

Converting Colors

Hex(78BD53)

Have a look what the booklet for
Hex(78BD53) contains.

Hex(78BD53)	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(78BD53)

Conversions

Conversions Part 1

Format	Color
Hex	78BD53
RGB	120, 189, 83
RGB Percent	47%, 74%, 33%
CMY	0.5294, 0.2588, 0.6745
CMYK	0.37, 0.00, 0.56, 0.26
HSL	99°, 45%, 53%
HSV	99°, 56%, 74%
XYZ	27.5047, 41.0128, 14.6502
YIQ	156.2850, -7.0980, -47.5940

Conversions

Conversions Part 2

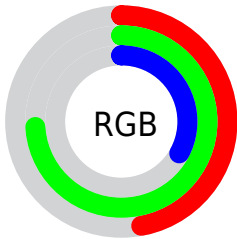
Format	Color
RYB	83, 189, 152
Decimal	7912787
CIELab	70.18, -40.77, 46.11
CIElCh	70, 61.548, 131.481
Yxy	41.0128, 0.3307, 0.4931
Android (android.graphics.Color)	4286102867 (0xFF78BD53)
YUV	156.2850, -36.1295, -31.8219
Hunter-Lab	64.0412, -35.4093, 31.2655

Details

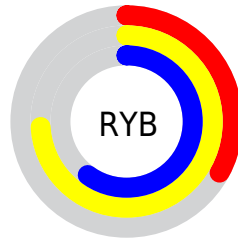
The Hex color **78BD53** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9853BD**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B0F687**, and **41871F** is the 20% darker color. If you saturate the color by 10%, you get **6CBD40**, and if you desaturate by 10%, it is **84BD66**.

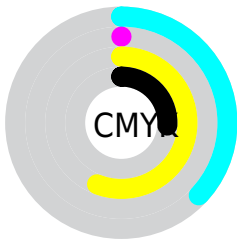
Distribution



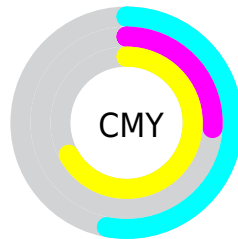
- Red (47%)
- Green (74%)
- Blue (33%)



- Red (33%)
- Yellow (74%)
- Blue (60%)



- Cyan (37%)
- Magenta (0%)
- Yellow (56%)
- Black (26%)



- Cyan (53%)
- Magenta (26%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78BD53 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 78BD53 by changing the saturation by 10% instead.

 78BD53

 78BD53

FFFFFF

 5DA239

 B0F687

 41871F

 CCFFA3

 246D00

 E9FFBE

 005400

 FFFFDB

 003C00

 FFFFF8

 002800

 000100

 000000

 78BD53

 78BD53

 6CBD40

 84BD66

 5FBD2D

 91BD79

 53BD1A

 9DBD8C

 47BD07

 A9BD9F

 42BD00

 B6BDB2

 C2BDC4

 CEBDD7

 DABDEA

 E7BDFD

Harmonies

Analogous

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



B6B034



78BD53



00C586

Triad

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



78BD53



00BBFF



FF7998

Complementary

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



78BD53



9853BD

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.



FF7FD0



78BD53



6AAAFF

Square

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



78BD53



00C4F4



CB94FF



FF8664

Rectangle

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



78BD53



00C7AD



CB94FF



FF78AB

Sweetspot

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



78BD53



DAF5CB



BD9853



6A7A62



FAFAFA



7A7A7A

Same Dimension

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



78BD53



8AF551



53BD63



585E55



379E00



0B1F00

Inverse Universe

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



9853BD



BC51F5



BD53AD



5B555E



67009E



14001F

Previews

White Background



This preview shows how the Hex color 78BD53 looks on a white background.

Color Contrast Check

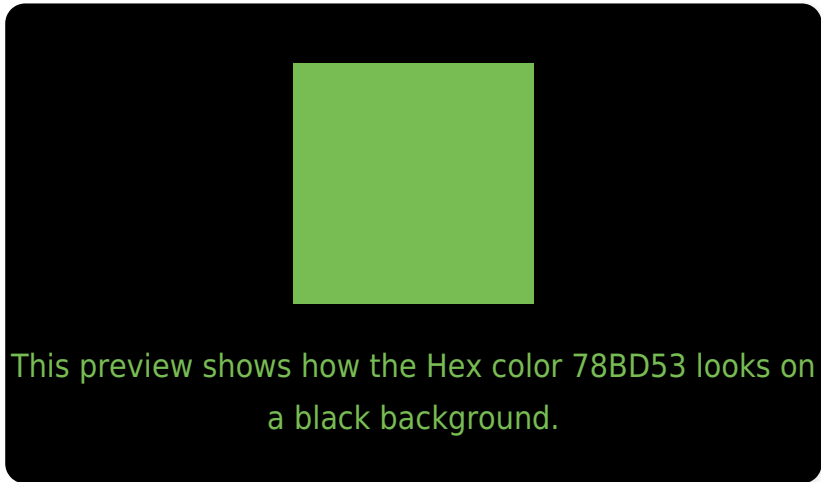
Large Text (above 18pt) WCAG AA × Fail

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 78BD53 Background



This preview shows how black text looks on a background with the Hex color 78BD53.

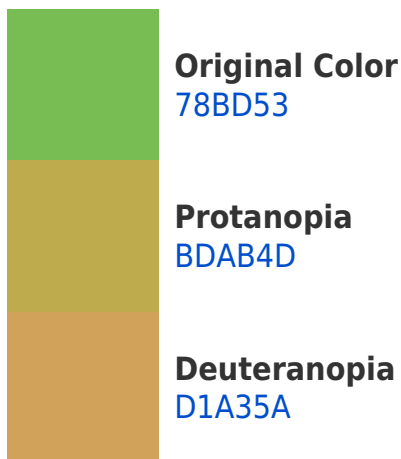


This preview shows how white text looks on a background with the Hex color 78BD53.

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
8AB2C0

Trichromacy



Original Color
78BD53



Protanomaly
A4B24F



Deuteranomaly
B1AC57



Tritanomaly
83B698

Monochromacy



Original Color
78BD53



Achromatopsia
9C9C9C



Achromatomaly
8FA881

CSS Examples

Text

The CSS property to change the color of the text to Hex 78BD53 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 #78BD53 looks like.

```
.text, #text, p{  
    color:#78BD53  
}
```

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 #78BD53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78BD53
}
```

Border

The CSS property to change the border of an element to Hex 78BD53 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
#78BD53 }
```

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

```
.border{ border-color:#78BD53 }
```

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

Here you see how a box with a 4 pixel #78BD53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78BD53; -webkit-box-shadow:4px 4px  
4px 4px #78BD53; box-shadow:4px 4px 4px  
4px #78BD53 }
```

Background

The CSS property to change the background color of an element to Hex 78BD53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78BD53 }
```

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

```
.background{ background-color:#78BD53 }
```

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