

Converting Colors

Hex(78B157)

Have a look what the booklet for
Hex(78B157) contains.

| | |
|--|----|
| Hex(78B157) | 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(78B157)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 78B157 |
| RGB | 120, 177, 87 |
| RGB Percent | 47%, 69%, 34% |
| CMY | 0.5294, 0.3059, 0.6588 |
| CMYK | 0.32, 0.00, 0.51, 0.31 |
| HSL | 98°, 37%, 52% |
| HSV | 98°, 51%, 69% |
| XYZ | 25.1882, 36.1255, 14.6622 |
| YIQ | 149.6970, -5.0820, -40.0740 |

Conversions

Conversions Part 2

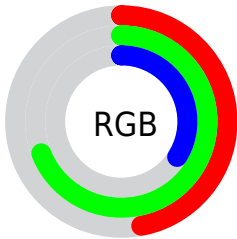
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 87, 177, 144 |
| Decimal | 7909719 |
| CIELab | 66.62, -34.94, 39.93 |
| CIElCh | 67, 53.058, 131.189 |
| Yxy | 36.1255, 0.3315, 0.4755 |
| Android (android.graphics.Color) | 4286099799 (0xFF78B157) |
| YUV | 149.6970, -30.9096, -26.0443 |
| Hunter-Lab | 60.1045, -30.3783, 27.6096 |

Details

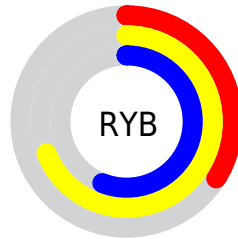
The Hex color **78B157** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9057B1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **AFE98B**, and **437C25** is the 20% darker color. If you saturate the color by 10%, you get **6DB145**, and if you desaturate by 10%, it is **83B169**.

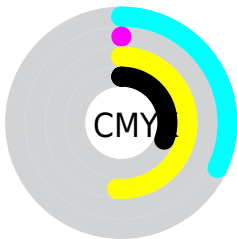
Distribution



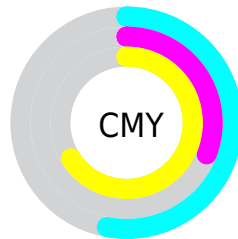
- Red (47%)
- Green (69%)
- Blue (34%)



- Red (34%)
- Yellow (69%)
- Blue (56%)



- Cyan (32%)
- Magenta (0%)
- Yellow (51%)
- Black (31%)



- Cyan (53%)
- Magenta (31%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B157 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 78B157 by changing the saturation by 10% instead.

 78B157

 78B157

FFFFFF

 5D963E

 AFE98B

 437C25

 CBFFA6

 286309

 E8FFC1

 094A00

 FFFFDE

 003300

 FFFFFB

 001F00

 000000

 78B157

 78B157

 6DB145

 83B169

 62B134

 8EB17A

 56B122

 9AB18C

 4BB110

 A5B19E

 41B100

 B0B1B0

 BBB1C1

 C6B1D3

 D2B1E5

 DDB1F6

Harmonies

Analogous

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



ACA53F



78B157



22B882

Triad

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



78B157



00AFFC



FB7992

Complementary

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



78B157



9057B1

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.



EA7DC2



78B157



6FA1FF

Square

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



78B157



00B7E0



BD8EEA



F28365

Rectangle

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



78B157



00BAA2



BD8EEA



F878A2

Sweetspot

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



78B157



D0E6C3



B19057



66735E



F2F2F2



737373

Same Dimension

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



78B157



8DE65A



57B163



545950



389900



091A00

Inverse Universe

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



9057B1



B25AE6



B157A5



565059



610099



10001A

Previews

White Background



This preview shows how the Hex color 78B157 looks on a white background.

Color Contrast Check

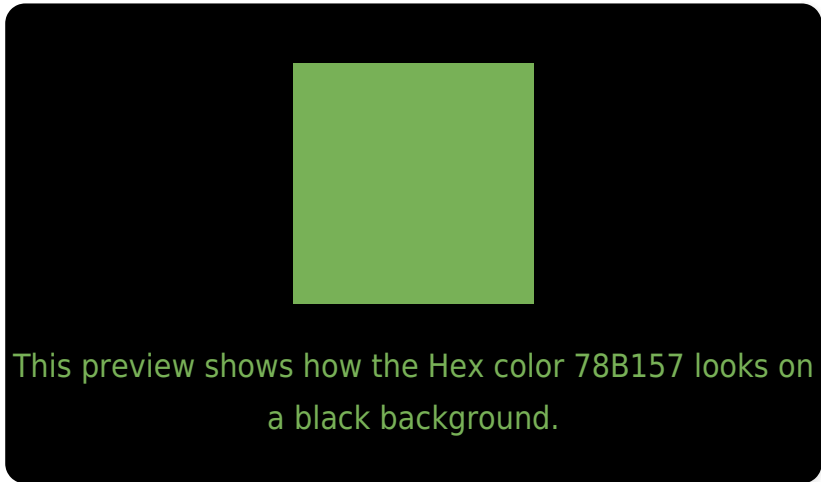
Large Text (above 18pt) WCAG AA × Fail

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 78B157 Background



This preview shows how black text looks on a background with the Hex color 78B157.

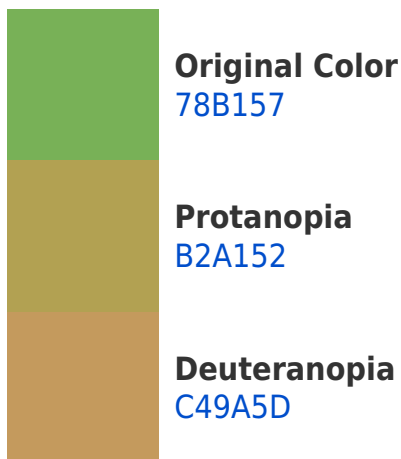


This preview shows how white text looks on a background with the Hex color 78B157.

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
87A7B4

Trichromacy



Original Color
78B157



Protanomaly
9DA754



Deuteranomaly
A8A25B



Tritanomaly
82AB92

Monochromacy



Original Color
78B157



Achromatopsia
969696



Achromatomaly
8BA07F

CSS Examples

Text

The CSS property to change the color of the text to Hex 78B157 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 #78B157 looks like.

```
.text, #text, p{  
    color:#78B157  
}
```

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 #78B157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B157
}
```

Border

The CSS property to change the border of an element to Hex 78B157 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
#78B157 }
```

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

```
.border{ border-color:#78B157 }
```

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

Here you see how a box with a 4 pixel #78B157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B157; -webkit-box-shadow:4px 4px  
4px 4px #78B157; box-shadow:4px 4px 4px  
4px #78B157 }
```

Background

The CSS property to change the background color of an element to Hex 78B157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B157 }
```

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

```
.background{ background-color:#78B157 }
```

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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