

Converting Colors

Hex(78B35F)

Have a look what the booklet for
Hex(78B35F) contains.

Hex(78B35F)	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(78B35F)

Conversions

Conversions Part 1

Format	Color
Hex	78B35F
RGB	120, 179, 95
RGB Percent	47%, 70%, 37%
CMY	0.5294, 0.2980, 0.6275
CMYK	0.33, 0.00, 0.47, 0.30
HSL	102°, 36%, 54%
HSV	102°, 47%, 70%
XYZ	25.9314, 37.0595, 16.6129
YIQ	151.7830, -8.2000, -38.6320

Conversions

Conversions Part 2

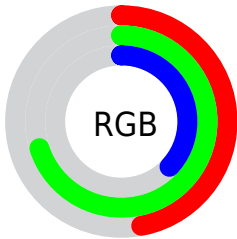
Format	Color
RYB	95, 179, 154
Decimal	7910239
CIELab	67.32, -34.86, 36.79
CIELCh	67, 50.678, 133.456
Yxy	37.0595, 0.3258, 0.4655
Android (android.graphics.Color)	4286100319 (0xFF78B35F)
YUV	151.7830, -27.9940, -27.8737
Hunter-Lab	60.8765, -30.4988, 26.4336

Details

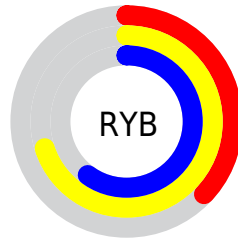
The Hex color **78B35F** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9A5FB3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **AFE93**, and **437E2E** is the 20% darker color. If you saturate the color by 10%, you get **6BB34D**, and if you desaturate by 10%, it is **85B371**.

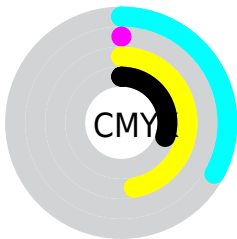
Distribution



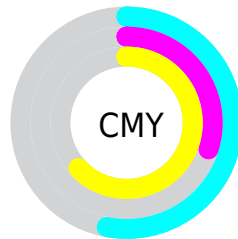
- Red (47%)
- Green (70%)
- Blue (37%)



- Red (37%)
- Yellow (70%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (47%)
- Black (30%)



- Cyan (53%)
- Magenta (30%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B35F 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 78B35F by changing the saturation by 10% instead.



78B35F



78B35F

FFFFFF



5E9846



AFE893



437E2E



CBFFAE



296415



E8FFCA



094C00



FFFFE6



003500



002100



000000



78B35F



78B35F



6BB34D



85B371

 5FB33B

 91B383

 52B329

 9EB395

 46B317

 AAB3A7

 39B306

 B7B3B9

 35B300

 C3B3CA

 D0B3DC

 DDB3EE

 E9B3FF

Harmonies

Analogous

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



ABA847



78B35F



29B988

Triad

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



78B35F



00B0FB



FA7D91

Complementary

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



78B35F



9A5FB3

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.



EB81BF



78B35F



7CA2FD

Square

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



78B35F



00B8E2



C290E7



F08867

Rectangle

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



78B35F



00BBA8



C290E7



F87DA0

Sweetspot

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



78B35F



D1E8C8



B39A5F



677561



F5F5F5



757575

Same Dimension

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



78B35F



8DE866



5FB370



535950



2E9900



081A00

Inverse Universe

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



9A5FB3



C166E8



B35FA2



575059



6B0099



12001A

Previews

White Background



This preview shows how the Hex color 78B35F looks on a white background.

Color Contrast Check

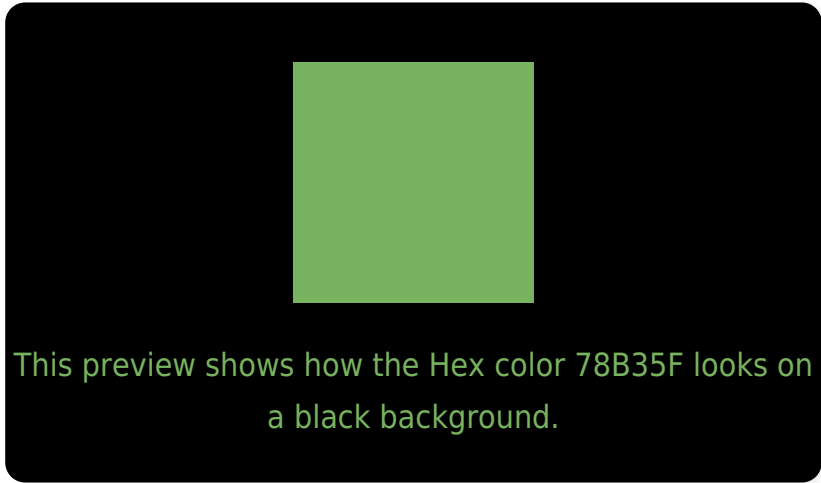
Large Text (above 18pt) WCAG AA × Fail

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 78B35F Background



This preview shows how black text looks on a background with the Hex color 78B35F.

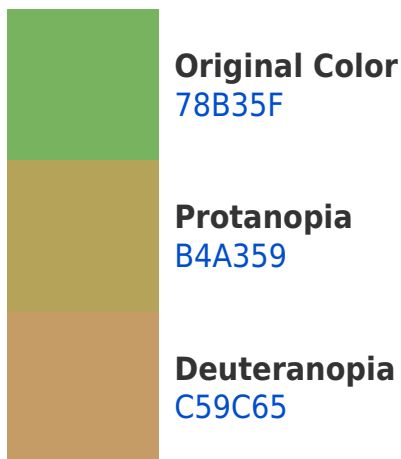


This preview shows how white text looks on a background with the Hex color 78B35F.

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](#).

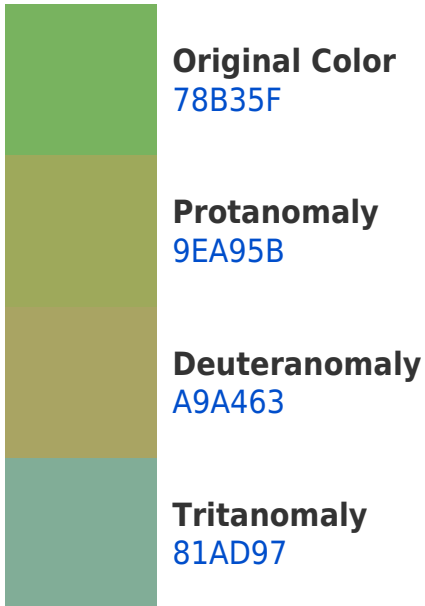
Dichromacy



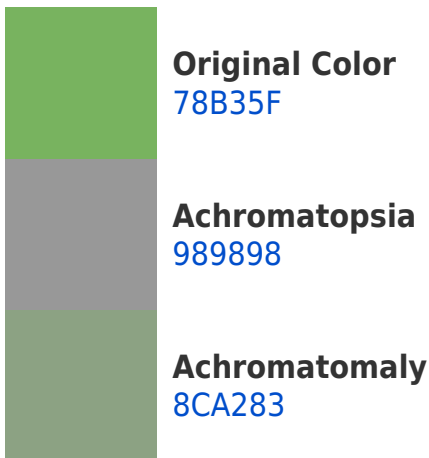


Tritanopia
86A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B35F 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 #78B35F looks like.

```
.text, #text, p{  
    color:#78B35F  
}
```

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 #78B35F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B35F
}
```

Border

The CSS property to change the border of an element to Hex 78B35F 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
#78B35F }
```

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

```
.border{ border-color:#78B35F }
```

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

Here you see how a box with a 4 pixel #78B35F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B35F; -webkit-box-shadow:4px 4px  
4px 4px #78B35F; box-shadow:4px 4px 4px  
4px #78B35F }
```

Background

The CSS property to change the background color of an element to Hex 78B35F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B35F }
```

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

```
.background{ background-color:#78B35F }
```

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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