

Converting Colors

Hex(78E53E)

Have a look what the booklet for
Hex(78E53E) contains.

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Color

Hex(78E53E)

Conversions

Conversions Part 1

Format	Color
Hex	78E53E
RGB	120, 229, 62
RGB Percent	47%, 90%, 24%
CMY	0.5294, 0.1020, 0.7569
CMYK	0.48, 0.00, 0.73, 0.10
HSL	99°, 76%, 57%
HSV	99°, 73%, 90%
XYZ	36.6345, 60.3795, 14.2810
YIQ	177.3710, -11.3570, -75.0450

Conversions

Conversions Part 2

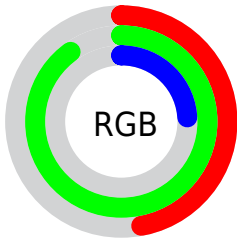
Format	Color
RYB	62, 229, 171
Decimal	7923006
CIELab	82.04, -58.73, 67.43
CIELCh	82, 89.415, 131.056
Yxy	60.3795, 0.3292, 0.5425
Android (android.graphics.Color)	4286113086 (0xFF78E53E)
YUV	177.3710, -56.8779, -50.3144
Hunter-Lab	77.7042, -51.8266, 43.4963

Details

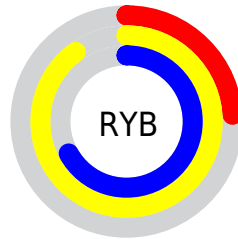
The Hex color **78E53E** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **AB3EE5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B4FF78**, and **37AD00** is the 20% darker color. If you saturate the color by 10%, you get **69E527**, and if you desaturate by 10%, it is **87E555**.

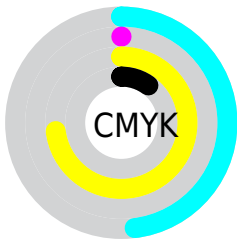
Distribution



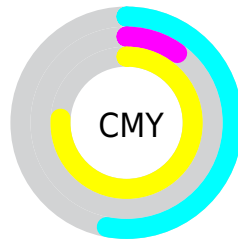
- Red (47%)
- Green (90%)
- Blue (24%)



- Red (24%)
- Yellow (90%)
- Blue (67%)



- Cyan (48%)
- Magenta (0%)
- Yellow (73%)
- Black (10%)



- Cyan (53%)
- Magenta (10%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78E53E 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 78E53E by changing the saturation by 10% instead.

 78E53E

 78E53E

FFFFFF

 59C81B

 B4FF78

 37AD00

 D2FF94

 009100

 F0FFB0

 007700

 FFFFCD

 005D00

 FFFFEB

 004400

 002D00

 000E00

 000000

 78E53E

 78E53E

 69E527

 87E555

 5AE510

 96E56C

 50E500

 A5E583

 B4E59A

 C3E5B1

 D2E5C7

 E1E5DE

 F0E5F5

 FFE5FF

Harmonies

Analogous

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



D7D200



78E53E



00EF92

Triad

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



78E53E



00E4FF



FF74B1

Complementary

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



78E53E



AB3EE5

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.



FF80FF



78E53E



25CCFF

Square

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



78E53E



00F0FF



F6A7FF



FF8F61

Rectangle

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



78E53E



00F2CD



F6A7FF



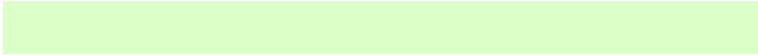
FF73CD

Sweetspot

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



78E53E



DAFFC7



E5AB3E



6A805E



000000



808080

Same Dimension

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



78E53E



6DFF1F



3EE557



6B7367



3EB300



123300

Inverse Universe

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



AB3EE5



B11FFF



E53ECC



6F6773



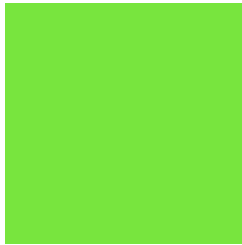
7500B3



210033

Previews

White Background



This preview shows how the Hex color 78E53E looks on a white background.

Color Contrast Check

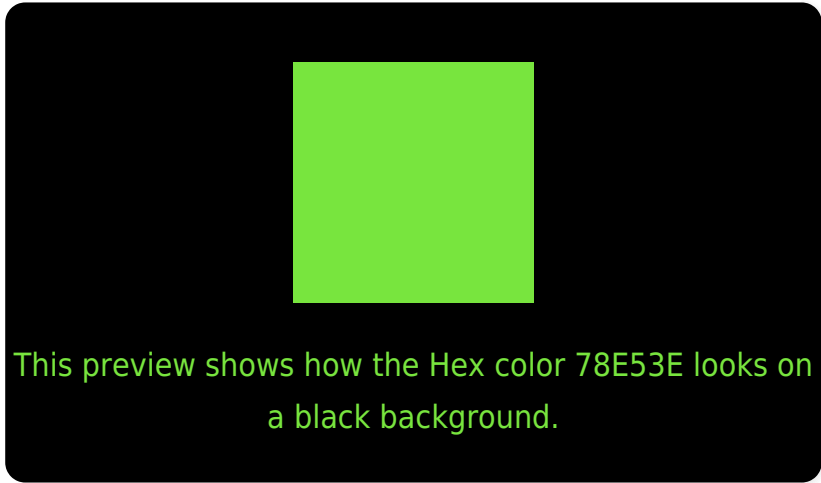
Large Text (above 18pt) WCAG AA × Fail

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

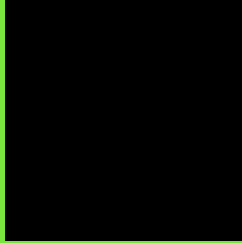
Any Text WCAG AA ✓ Pass

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 78E53E Background



This preview shows how black text looks on a background with the Hex color 78E53E.

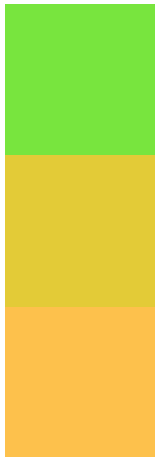


This preview shows how white text looks on a background with the Hex color 78E53E.

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
78E53E

Protanopia
E3CB37

Deuteranopia
FDC14C



Tritanopia
94D6E7

Trichromacy



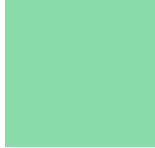
Original Color
78E53E



Protanomaly
BCD43A



Deuteranomaly
CDCE47



Tritanomaly
8ADBAA

Monochromacy



Original Color
78E53E



Achromatopsia
B1B1B1



Achromatomaly
9CC487

CSS Examples

Text

The CSS property to change the color of the text to Hex 78E53E 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 #78E53E looks like.

```
.text, #text, p{  
    color:#78E53E  
}
```

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 #78E53E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78E53E
}
```

Border

The CSS property to change the border of an element to Hex 78E53E 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
#78E53E }
```

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

```
.border{ border-color:#78E53E }
```

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

Here you see how a box with a 4 pixel #78E53E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78E53E; -webkit-box-shadow:4px 4px  
4px 4px #78E53E; box-shadow:4px 4px 4px  
4px #78E53E }
```

Background

The CSS property to change the background color of an element to Hex 78E53E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78E53E }
```

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

```
.background{ background-color:#78E53E }
```

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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