

Converting Colors

Hex(78D55D)

Have a look what the booklet for
Hex(78D55D) contains.

Hex(78D55D)	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(78D55D)

Conversions

Conversions Part 1

Format	Color
Hex	78D55D
RGB	120, 213, 93
RGB Percent	47%, 84%, 36%
CMY	0.5294, 0.1647, 0.6353
CMYK	0.44, 0.00, 0.56, 0.16
HSL	106°, 59%, 60%
HSV	106°, 56%, 84%
XYZ	33.5158, 52.3719, 18.6982
YIQ	171.5130, -16.9080, -57.0360

Conversions

Conversions Part 2

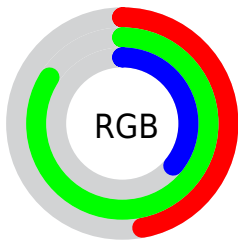
Format	Color
RYB	93, 213, 186
Decimal	7918941
CIELab	77.50, -49.79, 50.04
CIElCh	78, 70.591, 134.852
Yxy	52.3719, 0.3205, 0.5008
Android (android.graphics.Color)	4286109021 (0xFF78D55D)
YUV	171.5130, -38.7069, -45.1769
Hunter-Lab	72.3684, -43.9766, 35.3388

Details

The Hex color **78D55D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **BA5DD5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B1FF92**, and **3E9D28** is the 20% darker color. If you saturate the color by 10%, you get **67D548**, and if you desaturate by 10%, it is **89D572**.

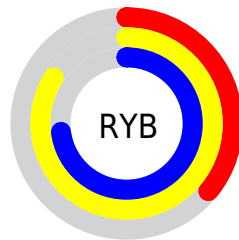
Distribution



Red (47%)

Green (84%)

Blue (36%)



Red (36%)

Yellow (84%)

Blue (73%)

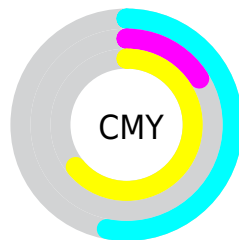


Cyan (44%)

Magenta (0%)

Yellow (56%)

Black (16%)



Cyan (53%)

Magenta (16%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78D55D 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 78D55D by changing the saturation by 10% instead.

 78D55D

 78D55D

FFFFFF

 5BB943

 B1FF92

 3E9D28

 CEFFAE

 1A8305

 ECFFCA

 006900

 FFFFE7

 005000

 003800

 002100

 000000

 78D55D

 78D55D

 67D548

 89D572

 57D532

 99D588

 46D51D

 AAD59D

 36D508

 BAD5B2

 30D500

 CBD5C8

 DBD5DD

 ECD5F2

 FCD5FF

 FFD5FF

Harmonies

Analogous

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



C3C633



78D55D



00DD9B

Triad

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



78D55D



00D0FF



FF83A2

Complementary

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



78D55D



BA5DD5

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.



FF88E3



78D55D



80BCFF

Square

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



78D55D



00DBFF



EDA0FF



FF9666

Rectangle

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



78D55D



00DFC9



EDA0FF



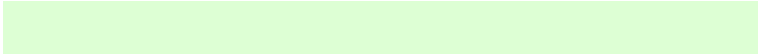
FF82B7

Sweetspot

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



78D55D



DDFFD4



D5B95D



6C8066



000000



808080

Same Dimension

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



78D55D



79FF52



5DD57D



636B60



26AB00



0A2B00

Inverse Universe

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



BA5DD5



D852FF



D55DB5



69606B



8400AB



22002B

Previews

White Background



This preview shows how the Hex color 78D55D 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



This preview shows how the Hex color 78D55D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

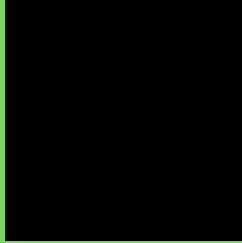
Any Text WCAG AA ✓ Pass

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 78D55D Background



This preview shows how black text looks on a background with the Hex color 78D55D.

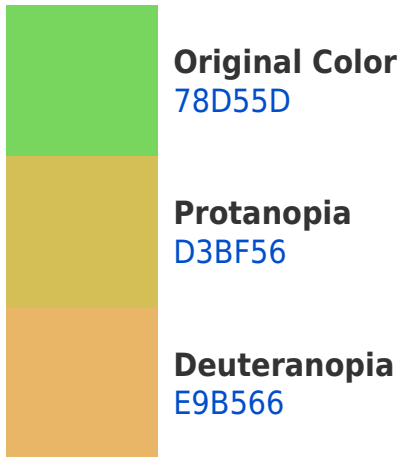


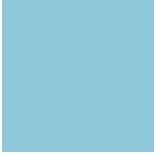
This preview shows how white text looks on a background with the Hex color 78D55D.

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](#).

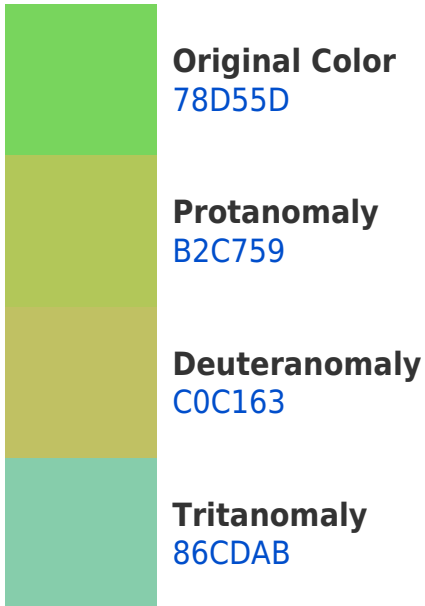
Dichromacy



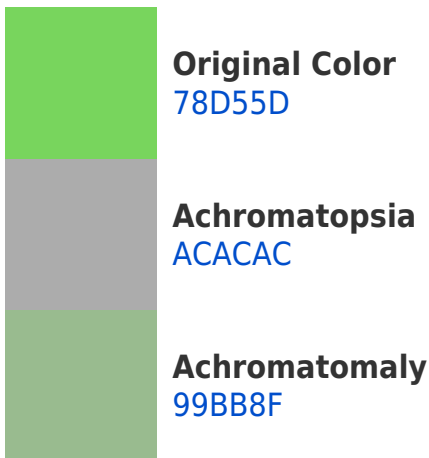


Tritanopia
8EC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78D55D 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 #78D55D looks like.

```
.text, #text, p{  
    color:#78D55D  
}
```

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 #78D55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D55D
}
```

Border

The CSS property to change the border of an element to Hex 78D55D 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
#78D55D }
```

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

```
.border{ border-color:#78D55D }
```

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

Here you see how a box with a 4 pixel #78D55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D55D; -webkit-box-shadow:4px 4px  
4px 4px #78D55D; box-shadow:4px 4px 4px  
4px #78D55D }
```

Background

The CSS property to change the background color of an element to Hex 78D55D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D55D }
```

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

```
.background{ background-color:#78D55D }
```

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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