

# Converting Colors

Hex(78A753)

Have a look what the booklet for  
Hex(78A753) contains.

<b>Hex(78A753)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(78A753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78A753
RGB	120, 167, 83
RGB Percent	47%, 65%, 33%
CMY	0.5294, 0.3451, 0.6745
CMYK	0.28, 0.00, 0.50, 0.35
HSL	94°, 34%, 49%
HSV	94°, 50%, 65%
XYZ	23.1258, 32.2550, 13.1906
YIQ	143.3710, -1.0480, -36.0880

# Conversions

## Conversions Part 2

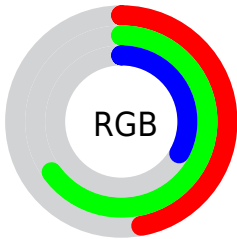
Format	Color
<a href="#">RYB</a>	<a href="#">83, 167, 130</a>
Decimal	<a href="#">7907155</a>
CIELab	<a href="#">63.55, -30.76, 38.20</a>
CIELCh	<a href="#">64, 49.042, 128.840</a>
Yxy	<a href="#">32.2550, 0.3373, 0.4704</a>
Android (android.graphics.Color)	<a href="#">4286097235 (0xFF78A753)</a>
YUV	<a href="#">143.3710, -29.7629, -20.4964</a>
Hunter-Lab	<a href="#">56.7935, -26.7052, 25.9850</a>

# Details

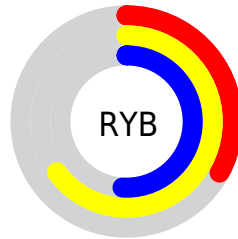
The Hex color **78A753** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8253A7**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **AEDE86**, and **447322** is the 20% darker color. If you saturate the color by 10%, you get **6FA742**, and if you desaturate by 10%, it is **81A764**.

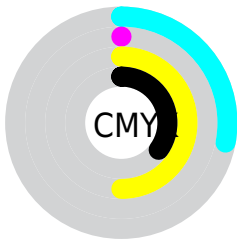
# Distribution



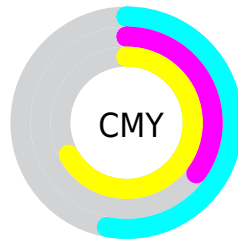
- Red (47%)
- Green (65%)
- Blue (33%)



- Red (33%)
- Yellow (65%)
- Blue (51%)



- Cyan (28%)
- Magenta (0%)
- Yellow (50%)
- Black (35%)



- Cyan (53%)
- Magenta (35%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78A753 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 78A753 by changing the saturation by 10% instead.



 78A753

 78A753

FFFFFF

 5E8C3A

 AEDE86

 447322

 CAFBA1

 2A5A06

 E7FFBD

 114200

 FFFFD9

 002B00

 FFFFF5

 001500

 000000

 78A753

 78A753

 6FA742

 81A764

 65A732

 8BA774

 5CA721

 94A785

 53A710

 9DA796

 4AA700

 A7A7A6

 B0A7B7

 B9A7C8

 C3A7D9

 CCA7E9

# Harmonies

## Analogous

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



A79C40



78A753



35AE79

# Triad

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



78A753



00A7EB



EB748F

# Complementary

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



78A753



8253A7

# 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.



DA7ABA



78A753



659AF0

# Square

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



78A753



00AECF



AE89DE



E57D65

# Rectangle

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



78A753



00B097



AE89DE



E8759D



# Sweetspot

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



78A753



C7D9B8



A78153



636E5A



EDEDED



6E6E6E



# Same Dimension

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



78A753



90D957



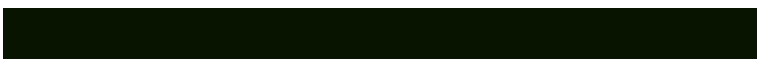
53A757



4F544C



419400



091400



# Inverse Universe

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



8253A7



9F57D9



A753A3



504C54



530094



0B0014



# Previews

## White Background



This preview shows how the Hex color 78A753 looks on a white background.

## Color Contrast Check

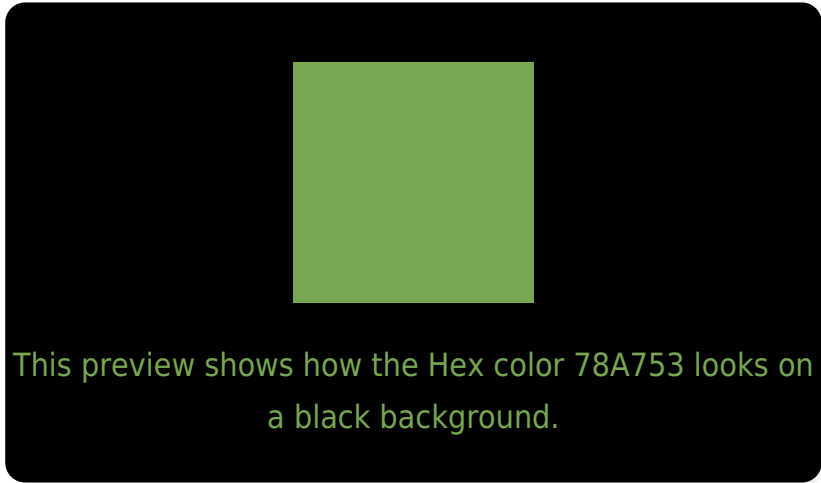
Large Text (above 18pt) WCAG AA × Fail

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 78A753 Background



This preview shows how black text looks on a background with the Hex color 78A753.



This preview shows how white text looks on a background with the Hex color 78A753.

# 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](#).

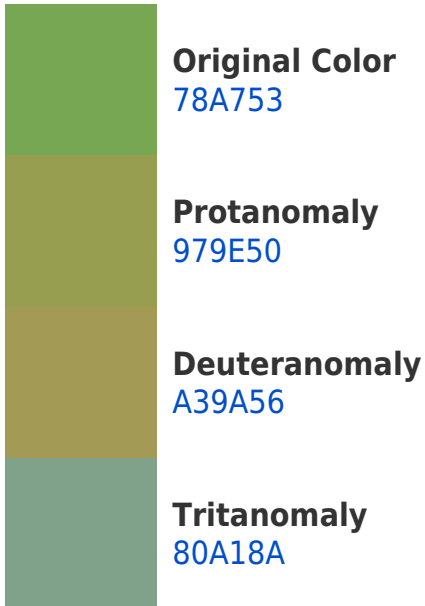
## Dichromacy



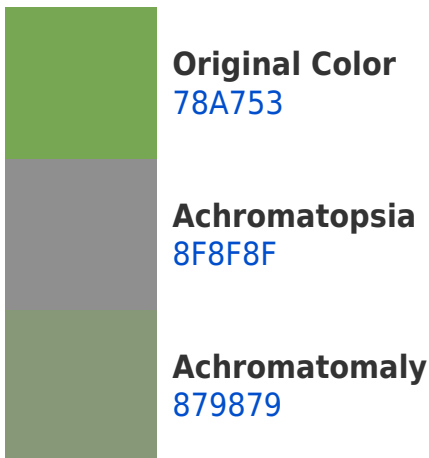


**Tritanopia**  
859DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78A753 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 #78A753 looks like.

```
.text, #text, p{  
    color:#78A753  
}
```

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 #78A753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A753
}
```

## Border

The CSS property to change the border of an element to Hex 78A753 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
#78A753 }
```

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

```
.border{ border-color:#78A753 }
```

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

Here you see how a box with a 4 pixel #78A753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A753; -webkit-box-shadow:4px 4px  
4px 4px #78A753; box-shadow:4px 4px 4px  
4px #78A753 }
```

# Background

The CSS property to change the background color of an element to Hex 78A753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A753 }
```

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

```
.background{ background-color:#78A753 }
```

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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