

Converting Colors

Hex(88A153)

Have a look what the booklet for
Hex(88A153) contains.

Hex(88A153)	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(88A153)

Conversions

Conversions Part 1

Format	Color
Hex	88A153
RGB	136, 161, 83
RGB Percent	53%, 63%, 33%
CMY	0.4667, 0.3686, 0.6745
CMYK	0.16, 0.00, 0.48, 0.37
HSL	79°, 32%, 48%
HSV	79°, 48%, 63%
XYZ	24.4595, 31.3485, 12.9453
YIQ	144.6330, 10.1380, -29.5580

Conversions

Conversions Part 2

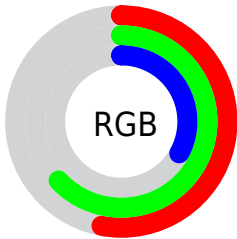
Format	Color
RYB	83, 161, 108
Decimal	8954195
CIELab	62.80, -21.62, 37.52
CIElCh	63, 43.305, 119.957
Yxy	31.3485, 0.3558, 0.4560
Android (android.graphics.Color)	4287144275 (0xFF88A153)
YUV	144.6330, -30.3851, -7.5711
Hunter-Lab	55.9897, -20.0030, 25.4844

Details

The Hex color **88A153** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6C53A1**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BFD886**, and **546D22** is the 20% darker color. If you saturate the color by 10%, you get **83A143**, and if you desaturate by 10%, it is **8DA163**.

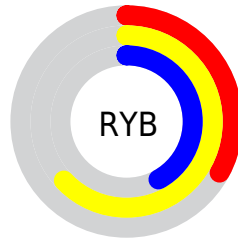
Distribution



Red (53%)

Green (63%)

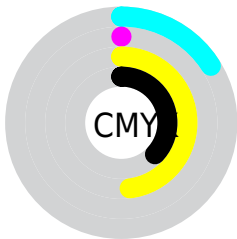
Blue (33%)



Red (33%)

Yellow (63%)

Blue (42%)

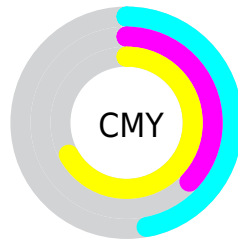


Cyan (16%)

Magenta (0%)

Yellow (48%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88A153 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 88A153 by changing the saturation by 10% instead.

 88A153

 88A153

FFFFFF

 6E873A

 BFD886

 546D22

 DBF4A1

 3B5507

 F8FFBC

 243E00

 FFFFD8

 0A2800

 FFFFF5

 001100

 000000

 88A153

 88A153

 83A143

 8DA163

 7EA133

 92A173

 79A123

 97A183

 73A113

 9DA193

 6EA102

 A2A1A3

 6DA100

 A7A1B4

 ACA1C4

 B1A1D4

 B6A1E4

Harmonies

Analogous

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



AF9649



88A153



58A870

Triad

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



88A153



00A6DA



DE789A

Complementary

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



88A153



6C53A1

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.



C880BF



88A153



569CE5

Square

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



88A153



00ABBD



9B8EDB



DF7C74

Rectangle

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



88A153



27AB89



9B8EDB



D97AA7

Sweetspot

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



88A153



C7D1B2



A16C53



636956



E8E8E8



696969

Same Dimension

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



88A153



AAD158



61A153



4F5249



639100



0C1200

Inverse Universe

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



6C53A1



7F58D1



9353A1



4C4952



2F0091



060012

Previews

White Background



This preview shows how the Hex color 88A153 looks on a white background.

Color Contrast Check

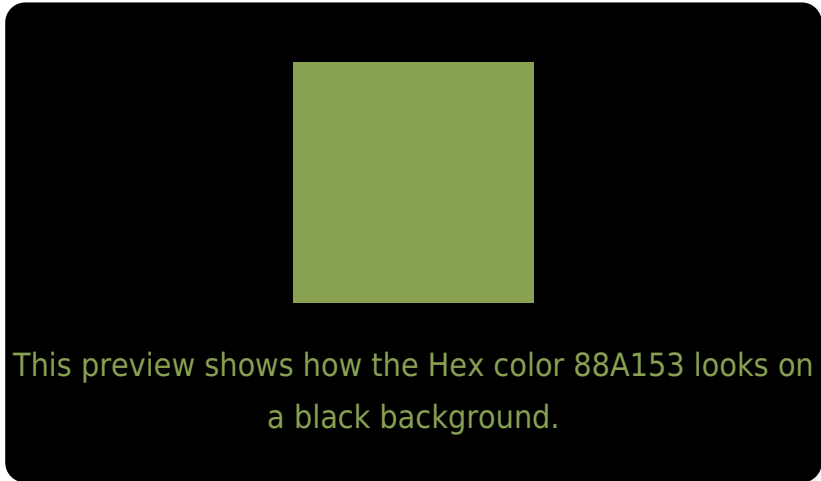
Large Text (above 18pt) WCAG AA × Fail

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 88A153 Background



This preview shows how black text looks on a background with the Hex color 88A153.



This preview shows how white text looks on a background with the Hex color 88A153.

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
88A153

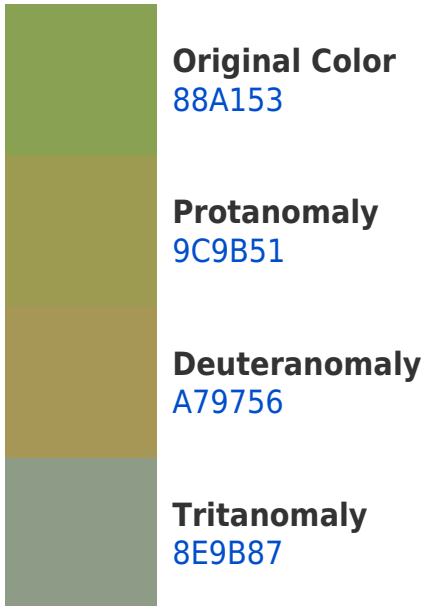
Protanopia
A79850

Deuteranopia
B99157



Tritanopia
9298A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88A153 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 #88A153 looks like.

```
.text, #text, p{  
    color:#88A153  
}
```

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 #88A153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88A153
}
```

Border

The CSS property to change the border of an element to Hex 88A153 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
#88A153 }
```

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

```
.border{ border-color:#88A153 }
```

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

Here you see how a box with a 4 pixel #88A153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88A153; -webkit-box-shadow:4px 4px  
4px 4px #88A153; box-shadow:4px 4px 4px  
4px #88A153 }
```

Background

The CSS property to change the background color of an element to Hex 88A153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88A153 }
```

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

```
.background{ background-color:#88A153 }
```

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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