

Converting Colors

Hex(8EA453)

Have a look what the booklet for
Hex(8EA453) contains.

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Color

Hex(8EA453)

Conversions

Conversions Part 1

Format	Color
Hex	8EA453
RGB	142, 164, 83
RGB Percent	56%, 64%, 33%
CMY	0.4431, 0.3569, 0.6745
CMYK	0.13, 0.00, 0.49, 0.36
HSL	76°, 33%, 48%
HSV	76°, 49%, 64%
XYZ	25.9921, 32.9262, 13.1691
YIQ	148.1880, 12.8890, -29.8550

Conversions

Conversions Part 2

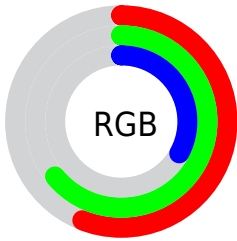
Format	Color
RYB	83, 164, 105
Decimal	9348179
CIELab	64.10, -20.72, 39.20
CIELCh	64, 44.338, 117.862
Yxy	32.9262, 0.3606, 0.4568
Android (android.graphics.Color)	4287538259 (0xFF8EA453)
YUV	148.1880, -32.1377, -5.4269
Hunter-Lab	57.3814, -19.5620, 26.5599

Details

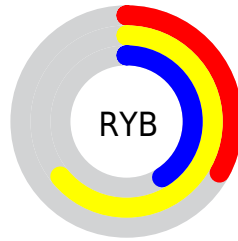
The Hex color **8EA453** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6953A4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C5DB86**, and **5A7022** is the 20% darker color. If you saturate the color by 10%, you get **8AA443**, and if you desaturate by 10%, it is **92A463**.

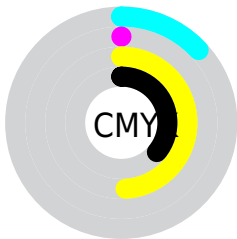
Distribution



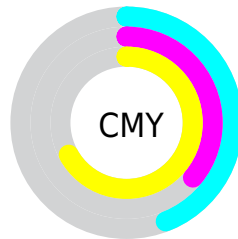
- Red (56%)
- Green (64%)
- Blue (33%)



- Red (33%)
- Yellow (64%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (49%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA453 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 8EA453 by changing the saturation by 10% instead.



8EA453



8EA453

FFFFFF



748A3A



C5DB86



5A7022



E2F8A1



415806



FFFFBD



294000



FFFFD9



102A00



FFFFF5



001700



000000



8EA453



8EA453



8AA443



92A463

 85A432

 97A474

 81A422

 9BA484

 7CA411

 A0A495

 78A401

 A4A4A5

 77A400

 A9A4B5

 ADA4C6

 B2A4D6

 B6A4E7

Harmonies

Analogous

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



B6984A



8EA453



5DAC70

Triad

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



8EA453



00AADD



E37BA0

Complementary

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



8EA453



6953A4

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.



CA83C6



8EA453



51A0EA

Square

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



8EA453



00AFBF



9A92E1



E57E79

Rectangle

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



8EA453



2EAF89



9A92E1



DD7DAD

Sweetspot

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



8EA453



CDD6B6



A46953



666B58



EBEBEB



6B6B6B

Same Dimension

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



8EA453



B4D658



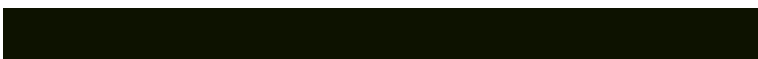
66A453



4F5249



6A9100



0D1200

Inverse Universe

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



6953A4



7A58D6



9153A4



4C4952



270091



050012

Previews

White Background



This preview shows how the Hex color 8EA453 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 8EA453 Background



This preview shows how black text looks on a background with the Hex color 8EA453.



This preview shows how white text looks on a background with the Hex color 8EA453.

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
8EA453

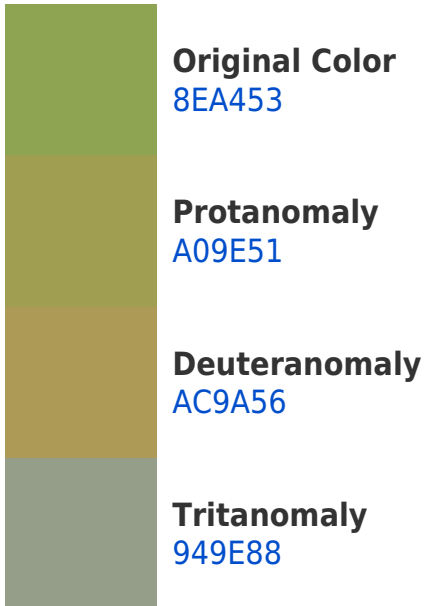
Protanopia
AB9B50

Deuteranopia
BD9457

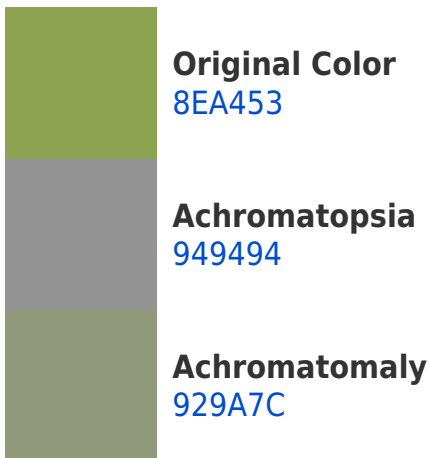


Tritanopia
989BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA453 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 #8EA453 looks like.

```
.text, #text, p{  
    color:#8EA453  
}
```

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 #8EA453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA453
}
```

Border

The CSS property to change the border of an element to Hex 8EA453 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
#8EA453 }
```

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

```
.border{ border-color:#8EA453 }
```

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

Here you see how a box with a 4 pixel #8EA453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA453; -webkit-box-shadow:4px 4px  
4px 4px #8EA453; box-shadow:4px 4px 4px  
4px #8EA453 }
```

Background

The CSS property to change the background color of an element to Hex 8EA453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA453 }
```

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

```
.background{ background-color:#8EA453 }
```

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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