

Converting Colors

Hex(8CA362)

Have a look what the booklet for
Hex(8CA362) contains.

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Color

Hex(8CA362)

Conversions

Conversions Part 1

Format	Color
Hex	8CA362
RGB	140, 163, 98
RGB Percent	55%, 64%, 38%
CMY	0.4510, 0.3608, 0.6157
CMYK	0.14, 0.00, 0.40, 0.36
HSL	81°, 26%, 51%
HSV	81°, 40%, 64%
XYZ	26.1170, 32.6517, 16.4812
YIQ	148.7130, 7.1570, -25.0910

Conversions

Conversions Part 2

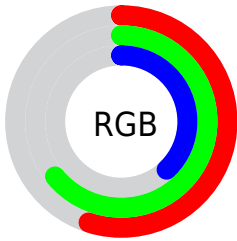
Format	Color
RYB	98, 163, 121
Decimal	9216866
CIELab	63.88, -19.24, 31.13
CIELCh	64, 36.598, 121.716
Yxy	32.6517, 0.3471, 0.4339
Android (android.graphics.Color)	4287406946 (0xFF8CA362)
YUV	148.7130, -25.0015, -7.6413
Hunter-Lab	57.1416, -18.4131, 22.8983

Details

The Hex color **8CA362** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7962A3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C2DA96**, and **596F32** is the 20% darker color. If you saturate the color by 10%, you get **86A352**, and if you desaturate by 10%, it is **92A372**.

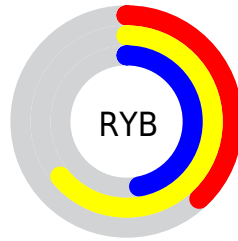
Distribution



Red (55%)

Green (64%)

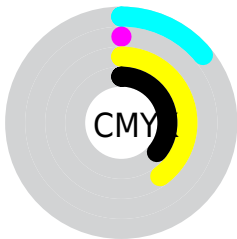
Blue (38%)



Red (38%)

Yellow (64%)

Blue (47%)

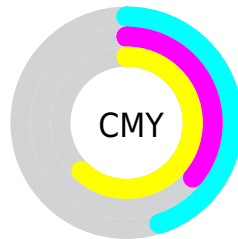


Cyan (14%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CA362 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 8CA362 by changing the saturation by 10% instead.



8CA362



8CA362

FFFFFF



728949



C2DA96



596F32



DFF6B1



40571B



FCFFCC



283F02



FFFFE9



122900



001600



000000



8CA362



8CA362



86A352



92A372

 80A341

 98A383

 7BA331

 9DA393

 75A321

 A3A3A3

 6FA311

 A9A3B3

 69A300

 AFA3C4

 B4A3D4

 BAA3E4

 C0A3F5

Harmonies

Analogous

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



AE9959



8CA362



64A97B

Triad

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



8CA362



2DA6D3



D8819A

Complementary

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



8CA362



7962A3

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.



C586BA



8CA362



6D9DDC

Square

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



8CA362



00ABBC



A192D2



D8847A

Rectangle

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



8CA362



46AC90



A192D2



D482A5

Sweetspot

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



8CA362



CBD4BA



A37962



666B5C



EBEBEB



6B6B6B

Same Dimension

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



8CA362



B0D46E



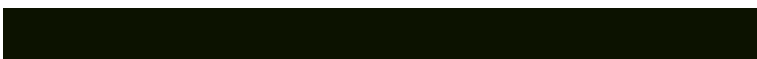
6CA362



4F5249



5E9100



0C1200

Inverse Universe

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



7962A3



926ED4



9962A3



4C4952



330091



060012

Previews

White Background



This preview shows how the Hex color 8CA362 looks on a white background.

Color Contrast Check

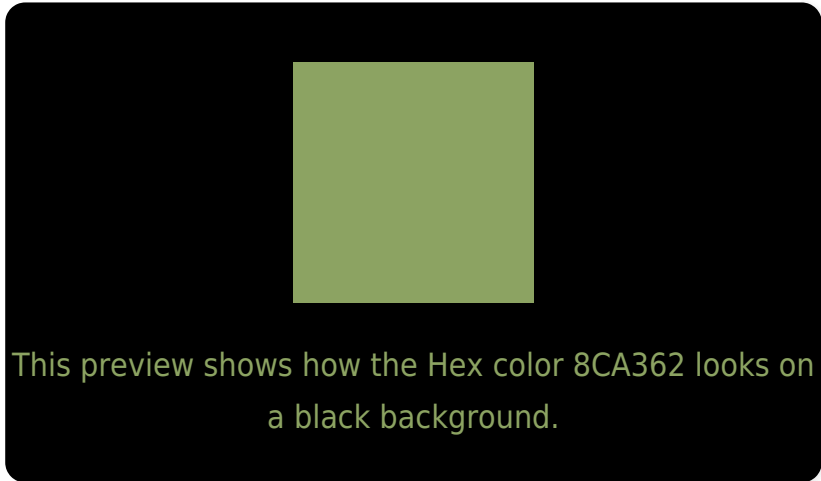
Large Text (above 18pt) WCAG AA × Fail

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

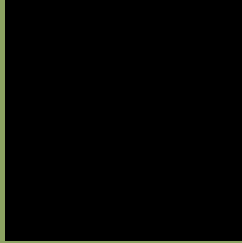
Any Text WCAG AA ✓ Pass

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 8CA362 Background



This preview shows how black text looks on a background with the Hex color 8CA362.

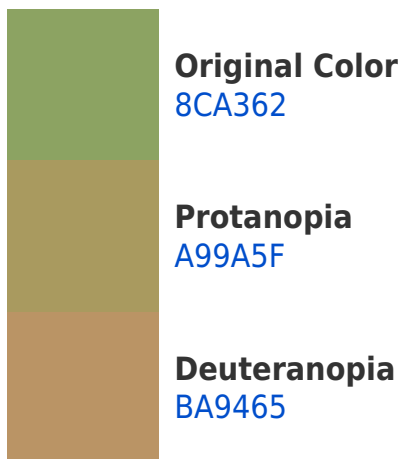


This preview shows how white text looks on a background with the Hex color 8CA362.

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](#).

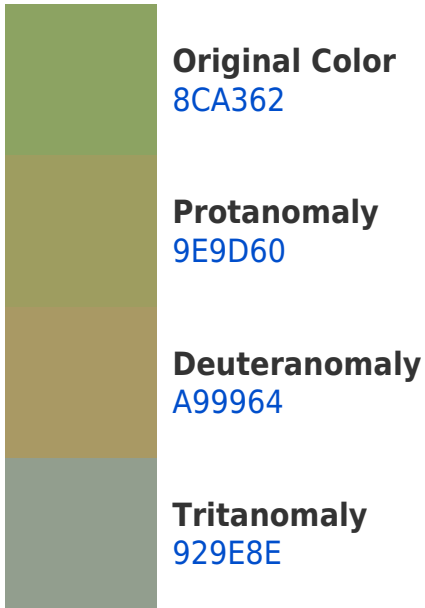
Dichromacy



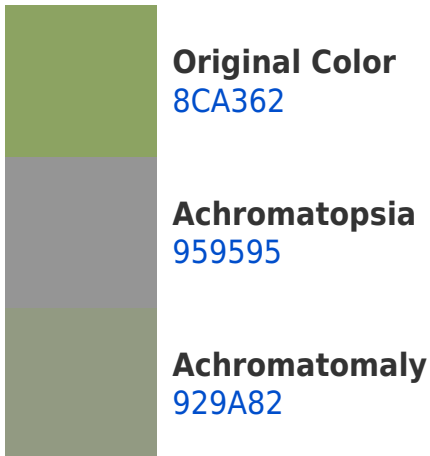


Tritanopia
959BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CA362 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 #8CA362 looks like.

```
.text, #text, p{  
    color:#8CA362  
}
```

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 #8CA362 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA362
}
```

Border

The CSS property to change the border of an element to Hex 8CA362 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
#8CA362 }
```

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

```
.border{ border-color:#8CA362 }
```

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

Here you see how a box with a 4 pixel #8CA362 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA362; -webkit-box-shadow:4px 4px  
4px 4px #8CA362; box-shadow:4px 4px 4px  
4px #8CA362 }
```

Background

The CSS property to change the background color of an element to Hex 8CA362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA362 }
```

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

```
.background{ background-color:#8CA362 }
```

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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