

Converting Colors

Hex(8CA066)

Have a look what the booklet for
Hex(8CA066) contains.

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Color

Hex(8CA066)

Conversions

Conversions Part 1

Format	Color
Hex	8CA066
RGB	140, 160, 102
RGB Percent	55%, 63%, 40%
CMY	0.4510, 0.3725, 0.6000
CMYK	0.12, 0.00, 0.36, 0.37
HSL	81°, 23%, 51%
HSV	81°, 36%, 63%
XYZ	25.7843, 31.6764, 17.3255
YIQ	147.4080, 6.6980, -22.2780

Conversions

Conversions Part 2

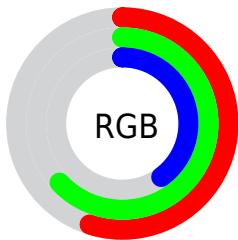
Format	Color
RYB	102, 160, 122
Decimal	9216102
CIELab	63.07, -17.16, 27.96
CIELCh	63, 32.806, 121.546
Yxy	31.6764, 0.3448, 0.4236
Android (android.graphics.Color)	4287406182 (0xFF8CA066)
YUV	147.4080, -22.3861, -6.4968
Hunter-Lab	56.2818, -16.7171, 21.1456

Details

The Hex color **8CA066** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7A66A0**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C2D79A**, and **596C36** is the 20% darker color. If you saturate the color by 10%, you get **86A056**, and if you desaturate by 10%, it is **92A076**.

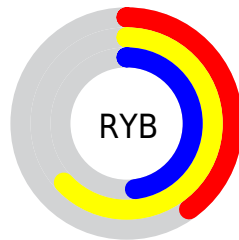
Distribution



Red (55%)

Green (63%)

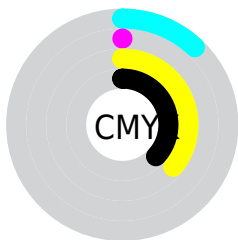
Blue (40%)



Red (40%)

Yellow (63%)

Blue (48%)

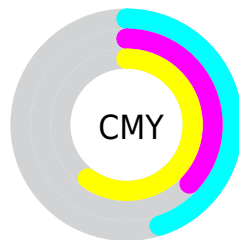


Cyan (12%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (45%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CA066 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 8CA066 by changing the saturation by 10% instead.

 8CA066

 8CA066

FFFFFF

 72864D

 C2D79A

 596C36


 DEF3B5

 41541F

 FBFFD0

 293D08

 FFFFED

 142700

 001300

 000000

 8CA066

 8CA066

 86A056

 92A076

81A046

97A086

7BA036

9DA096

76A026

A2A0A6

70A016

A8A0B6

6BA006

ADA0C6

69A000

B3A0D6

B8A0E6

BEA0F6

Harmonies

Analogous

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



AB975E



8CA066



69A67C

Triad

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



8CA066



42A3CB



D08298

Complementary

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



8CA066



7A66A0

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.



BF87B5



8CA066



729BD3

Square

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



8CA066



29A7B6



9E91CA



D1857C

Rectangle

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



8CA066



51A88F



9E91CA



CC83A2

Sweetspot

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



8CA066



C9D1BA



A07966



64695B



E8E8E8



696969

Same Dimension

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



8CA066



B1D175



70A066



4C4F47



5E8F00



0A0F00

Inverse Universe

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



7A66A0



9575D1



9666A0



4A474F



31008F



05000F

Previews

White Background



This preview shows how the Hex color 8CA066 looks on a white background.

Color Contrast Check

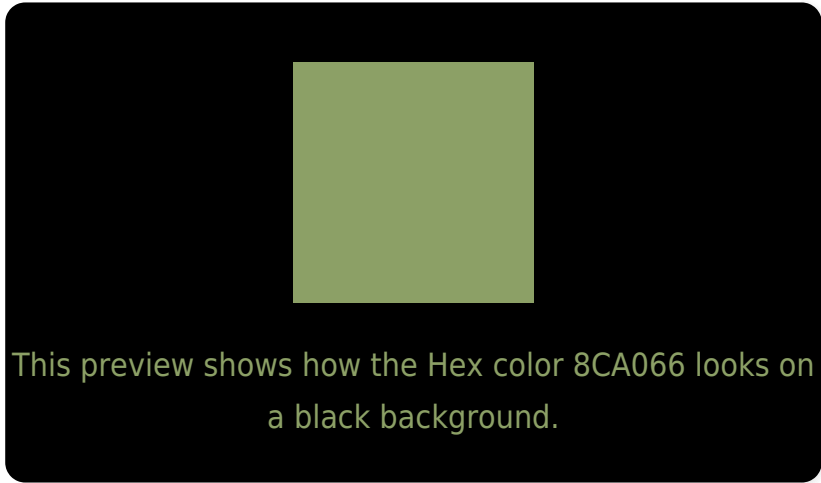
Large Text (above 18pt) WCAG AA × Fail

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

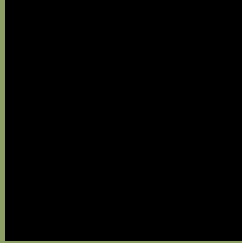
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

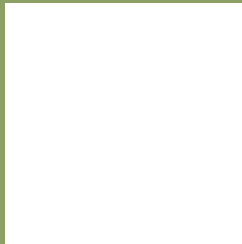
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8CA066 Background



This preview shows how black text looks on a background with the Hex color 8CA066.



This preview shows how white text looks on a background with the Hex color 8CA066.

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



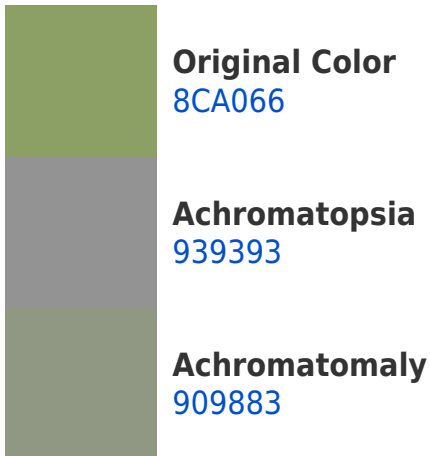


Tritanopia
9498A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CA066 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 #8CA066 looks like.

```
.text, #text, p{  
    color:#8CA066  
}
```

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 #8CA066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA066  
}
```

Border

The CSS property to change the border of an element to Hex 8CA066 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  
#8CA066 }
```

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

```
.border{ border-color:#8CA066 }
```

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

Here you see how a box with a 4 pixel #8CA066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA066; -webkit-box-shadow:4px 4px  
4px 4px #8CA066; box-shadow:4px 4px 4px  
4px #8CA066 }
```

Background

The CSS property to change the background color of an element to Hex 8CA066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA066 }
```

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

```
.background{ background-color:#8CA066 }
```

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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