

Converting Colors

Hex(9EA06C)

Have a look what the booklet for
Hex(9EA06C) contains.

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Color

Hex(9EA06C)

Conversions

Conversions Part 1

Format	Color
Hex	9EA06C
RGB	158, 160, 108
RGB Percent	62%, 63%, 42%
CMY	0.3804, 0.3725, 0.5765
CMYK	0.01, 0.00, 0.32, 0.37
HSL	62°, 21%, 53%
HSV	62°, 32%, 63%
XYZ	29.3781, 33.4934, 19.1038
YIQ	153.4740, 15.5000, -16.5960

Conversions

Conversions Part 2

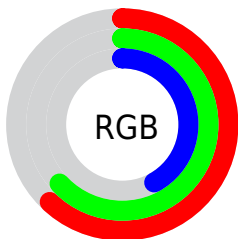
Format	Color
RYB	108, 160, 110
Decimal	10395756
CIELab	64.56, -9.17, 26.93
CIELCh	65, 28.447, 108.807
Yxy	33.4934, 0.3584, 0.4086
Android (android.graphics.Color)	4288585836 (0xFF9EA06C)
YUV	153.4740, -22.4187, 3.9693
Hunter-Lab	57.8735, -10.6673, 20.9400

Details

The Hex color **9EA06C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6E6CA0**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D5D7A0**, and **6A6D3C** is the 20% darker color. If you saturate the color by 10%, you get **9DA05C**, and if you desaturate by 10%, it is **9FA07C**.

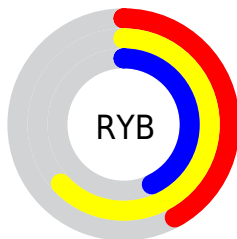
Distribution



Red (62%)

Green (63%)

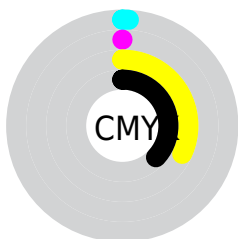
Blue (42%)



Red (42%)

Yellow (63%)

Blue (43%)

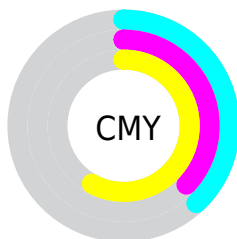


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA06C 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 9EA06C by changing the saturation by 10% instead.

 9EA06C

 9EA06C


FFFFFF

 838653

 D5D7A0

 6A6D3C

 F2F3BB

 515425

 FFFFD7

 393D0F

 FFFFF4

 242700

 021400

 000000

 9EA06C

 9EA06C

 9DA05C

 9FA07C

 9DA04C

 9FA08C

 9CA03C

 A0A09C

 9CA02C

 A0A0AC

 9BA01C

 A1A0BC

 9AA00C

 A2A0CC

 9AA000

 A2A0DC

 A3A0EC

 A4A0FC

Harmonies

Analogous

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



B7986B



9EA06C



81A67A

Triad

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



9EA06C



4FA8C2



C98BA7

Complementary

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



9EA06C



6E6CA0

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.



B491BE



9EA06C



6DA2CE

Square

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



9EA06C



4DAAAC



9399CC



D08A8D

Rectangle

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



9EA06C



6DA989



9399CC



C38CAF

Sweetspot

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



9EA06C



D0D1BC



A06E6C



68695C



E8E8E8



696969

Same Dimension

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



9EA06C



CED180



84A06C



4F4F47



898F00



0F0F00

Inverse Universe

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



6E6CA0



8380D1



886CA0



47474F



05008F



01000F

Previews

White Background



This preview shows how the Hex color 9EA06C looks on a white background.

Color Contrast Check

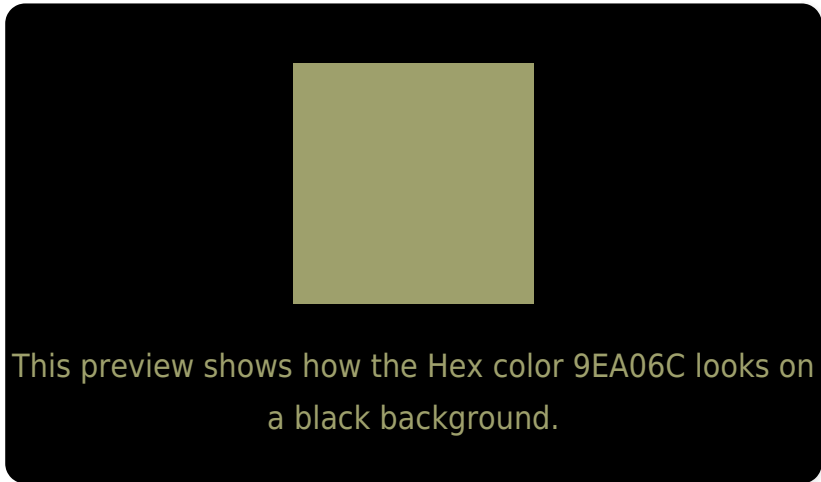
Large Text (above 18pt) WCAG AA × Fail

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

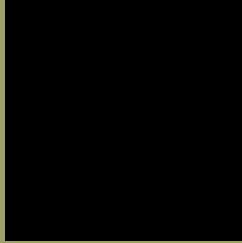
Any Text WCAG AA ✓ Pass

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 9EA06C Background



This preview shows how black text looks on a background with the Hex color 9EA06C.



This preview shows how white text looks on a background with the Hex color 9EA06C.

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
9EA06C

Protanopia
A99C6B

Deuteranopia
BA966E



Tritanopia
A599A5

Trichromacy



Original Color
9EA06C

Protanomaly
A59D6B

Deuteranomaly
B09A6D

Tritanomaly
A29C90

Monochromacy



Original Color
9EA06C

Achromatopsia
999999

Achromatomaly
9B9C89

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA06C 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 #9EA06C looks like.

```
.text, #text, p{  
    color:#9EA06C  
}
```

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 #9EA06C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA06C
}
```

Border

The CSS property to change the border of an element to Hex 9EA06C 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
#9EA06C }
```

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

```
.border{ border-color:#9EA06C }
```

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

Here you see how a box with a 4 pixel #9EA06C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA06C; -webkit-box-shadow:4px 4px  
4px 4px #9EA06C; box-shadow:4px 4px 4px  
4px #9EA06C }
```

Background

The CSS property to change the background color of an element to Hex 9EA06C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA06C }
```

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

```
.background{ background-color:#9EA06C }
```

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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