

Converting Colors

Hex(9EA266)

Have a look what the booklet for
Hex(9EA266) contains.

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Color

Hex(9EA266)

Conversions

Conversions Part 1

Format	Color
Hex	9EA266
RGB	158, 162, 102
RGB Percent	62%, 64%, 40%
CMY	0.3804, 0.3647, 0.6000
CMYK	0.02, 0.00, 0.37, 0.36
HSL	64°, 24%, 52%
HSV	64°, 37%, 64%
XYZ	29.4192, 34.0691, 17.5958
YIQ	153.9640, 16.8760, -19.5080

Conversions

Conversions Part 2

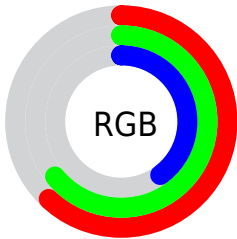
Format	Color
RYB	102, 162, 106
Decimal	10396262
CIELab	65.02, -10.99, 30.75
CIELCh	65, 32.653, 109.671
Yxy	34.0691, 0.3628, 0.4202
Android (android.graphics.Color)	4288586342 (0xFF9EA266)
YUV	153.9640, -25.6183, 3.5396
Hunter-Lab	58.3687, -12.1772, 22.9846

Details

The Hex color **9EA266** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A66A2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D5D99A**, and **696E36** is the 20% darker color. If you saturate the color by 10%, you get **9DA256**, and if you desaturate by 10%, it is **9FA276**.

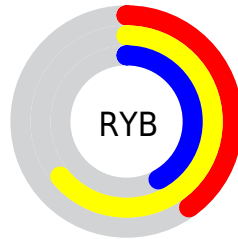
Distribution



Red (62%)

Green (64%)

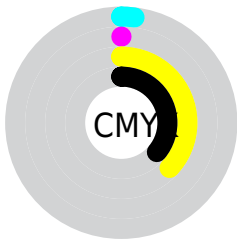
Blue (40%)



Red (40%)

Yellow (64%)

Blue (42%)

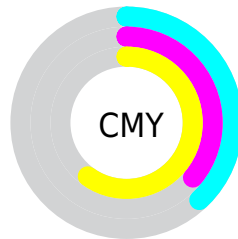


Cyan (2%)

Magenta (0%)

Yellow (37%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA266 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 9EA266 by changing the saturation by 10% instead.



9EA266



9EA266

FFFFFF



83884D



D5D99A



696E36



F2F5B5



50561F



FFFFD1



383F07



FFFED



222900



001600



000000



9EA266



9EA266



9DA256



9FA276

9CA246

A0A286

9BA235

A1A297

9AA225

A2A2A7

99A215

A3A2B7

98A205

A4A2C7

97A200

A6A2D7

A7A2E8

A8A2F8

Harmonies

Analogous

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



BB9964



9EA266



7DA977

Triad

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



9EA266



3BAAC9



D088A9

Complementary

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



9EA266



6A66A2

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.



B990C4



9EA266



65A4D7

Square

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



9EA266



38ADB0



939AD5



D8888C

Rectangle

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



9EA266



65AC89



939AD5



CA8AB3

Sweetspot

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



9EA266



D2D4BC



A26A66



6A6B5D



EBEBEB



6B6B6B

Same Dimension

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



9EA266



CDD477



81A266



515249



889100



111200

Inverse Universe

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



6A66A2



7D77D4



8866A2



4A4952



0A0091



010012

Previews

White Background



This preview shows how the Hex color 9EA266 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 9EA266 Background



This preview shows how black text looks on a background with the Hex color 9EA266.



This preview shows how white text looks on a background with the Hex color 9EA266.

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
9EA266

Protanopia
AC9E64

Deuteranopia
BD9768



Tritanopia
A69AA6

Trichromacy



Original Color
9EA266

Protanomaly
A79F65

Deuteranomaly
B29B67

Tritanomaly
A39D8F

Monochromacy



Original Color
9EA266

Achromatopsia
9A9A9A

Achromatomaly
9B9D87

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA266 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 #9EA266 looks like.

```
.text, #text, p{  
    color:#9EA266  
}
```

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 #9EA266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA266
}
```

Border

The CSS property to change the border of an element to Hex 9EA266 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
#9EA266 }
```

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

```
.border{ border-color:#9EA266 }
```

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

Here you see how a box with a 4 pixel #9EA266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA266; -webkit-box-shadow:4px 4px  
4px 4px #9EA266; box-shadow:4px 4px 4px  
4px #9EA266 }
```

Background

The CSS property to change the background color of an element to Hex 9EA266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA266 }
```

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

```
.background{ background-color:#9EA266 }
```

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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