

Converting Colors

Hex(9A9E35)

Have a look what the booklet for
Hex(9A9E35) contains.

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Color

Hex(9A9E35)

Conversions

Conversions Part 1

Format	Color
Hex	9A9E35
RGB	154, 158, 53
RGB Percent	60%, 62%, 21%
CMY	0.3961, 0.3804, 0.7922
CMYK	0.03, 0.00, 0.66, 0.38
HSL	62°, 50%, 41%
HSV	62°, 66%, 62%
XYZ	26.1959, 31.5808, 8.0832
YIQ	144.8340, 31.3210, -33.5030

Conversions

Conversions Part 2

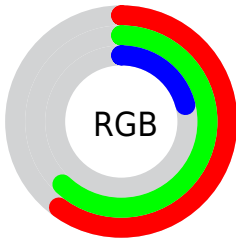
Format	Color
RYB	53, 158, 57
Decimal	10133045
CIELab	62.99, -15.11, 52.14
CIElCh	63, 54.286, 106.158
Yxy	31.5808, 0.3978, 0.4795
Android (android.graphics.Color)	4288323125 (0xFF9A9E35)
YUV	144.8340, -45.2742, 8.0386
Hunter-Lab	56.1968, -15.1374, 30.8096

Details

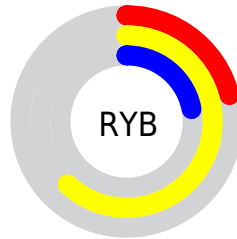
The Hex color **9A9E35** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **39359E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D3D469**, and **646B00** is the 20% darker color. If you saturate the color by 10%, you get **999E25**, and if you desaturate by 10%, it is **9B9E45**.

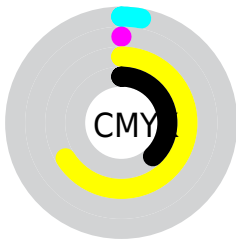
Distribution



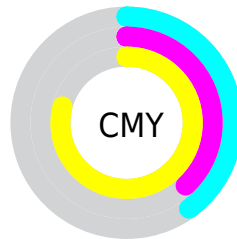
- Red (60%)
- Green (62%)
- Blue (21%)



- Red (21%)
- Yellow (62%)
- Blue (22%)



- Cyan (3%)
- Magenta (0%)
- Yellow (66%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A9E35 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 9A9E35 by changing the saturation by 10% instead.



9A9E35



9A9E35

FFFFFF



7F8419



D3D469



646B00



F0F184



4A5300



FFFF9F



303C00



FFFFBB



172600



FFFFD7



001200



FFFFF4



000000



9A9E35



9A9E35



999E25



9B9E45

■ 999E15

■ 9B9E55

■ 989E06

■ 9C9E64

■ 989E00

■ 9C9E74

■ 9D9E84

■ 9E9E94

■ 9E9EA4

■ 9F9EB3

■ 9F9EC3

Harmonies

Analogous

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



C68E37



9A9E35



63A952

Triad

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



9A9E35



00AADD



E570B1

Complementary

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



9A9E35



39359E

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.



BD81DC



9A9E35



00A4F6

Square

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



9A9E35



00B0B2



7295F5



F26E80

Rectangle

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



9A9E35



26AD70



7295F5



DB75C0

Sweetspot

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



9A9E35



CDCFA5



9E3935



68694F



E8E8E8



696969

Same Dimension

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



9A9E35



C8CF29



669E35



4F4F47



898F00



0F0F00

Inverse Universe

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



39359E



3029CF



6D359E



47474F



05008F



01000F

Previews

White Background



This preview shows how the Hex color 9A9E35 looks on a white background.

Color Contrast Check

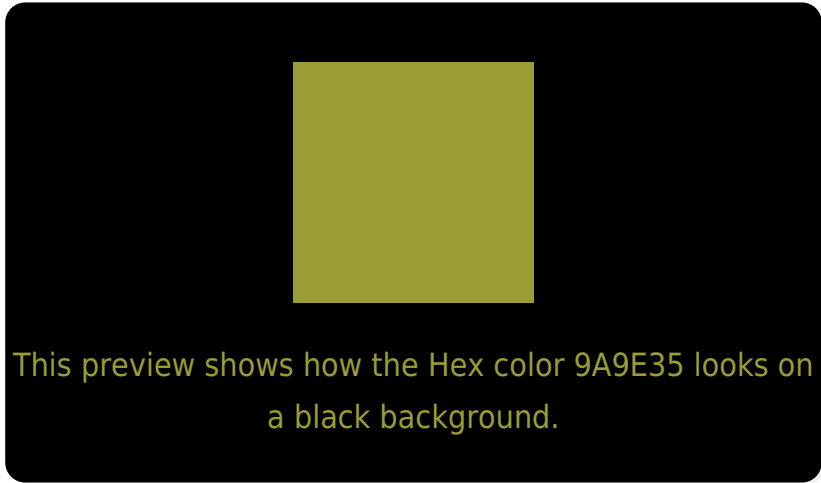
Large Text (above 18pt) WCAG AA × Fail

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 9A9E35 Background



This preview shows how black text looks on a background with the Hex color 9A9E35.



This preview shows how white text looks on a background with the Hex color 9A9E35.

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
9A9E35

Protanopia
AA9934

Deuteranopia
BE9139



Tritanopia
A4949F

Trichromacy



Original Color
9A9E35

Protanomaly
A49B34

Deuteranomaly
B19638

Tritanomaly
A09878

Monochromacy



Original Color
9A9E35

Achromatopsia
919191

Achromatomaly
949670

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A9E35 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 #9A9E35 looks like.

```
.text, #text, p{  
    color:#9A9E35  
}
```

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 #9A9E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9E35
}
```

Border

The CSS property to change the border of an element to Hex 9A9E35 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
#9A9E35 }
```

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

```
.border{ border-color:#9A9E35 }
```

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

Here you see how a box with a 4 pixel #9A9E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9E35; -webkit-box-shadow:4px 4px  
4px 4px #9A9E35; box-shadow:4px 4px 4px  
4px #9A9E35 }
```

Background

The CSS property to change the background color of an element to Hex 9A9E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9E35 }
```

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

```
.background{ background-color:#9A9E35 }
```

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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