

Converting Colors

Hex(96AE41)

Have a look what the booklet for
Hex(96AE41) contains.

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Color

Hex(96AE41)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 96AE41 |
| RGB | 150, 174, 65 |
| RGB Percent | 59%, 68%, 25% |
| CMY | 0.4118, 0.3176, 0.7451 |
| CMYK | 0.14, 0.00, 0.63, 0.32 |
| HSL | 73°, 46%, 47% |
| HSV | 73°, 63%, 68% |
| XYZ | 28.6679, 37.1378, 10.6584 |
| YIQ | 154.3980, 20.6850, -38.9870 |

Conversions

Conversions Part 2

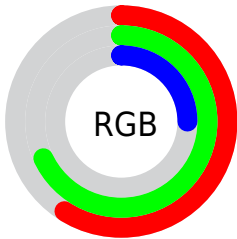
| Format | Color |
|-------------------------------------|---|
| RYB | 65, 174, 89 |
| Decimal | 9875009 |
| CIELab | 67.38, -24.08, 51.59 |
| CIElCh | 67, 56.929, 115.024 |
| Yxy | 37.1378, 0.3749, 0.4857 |
| Android (android.graphics.Color) | 4288065089 (0xFF96AE41) |
| YUV | 154.3980, -44.0732, -3.8570 |
| Hunter-Lab | 60.9408, -22.6761, 32.2889 |

Details

The Hex color **96AE41** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5941AE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CEE676**, and **607A03** is the 20% darker color. If you saturate the color by 10%, you get **92AE30**, and if you desaturate by 10%, it is **9AAE52**.

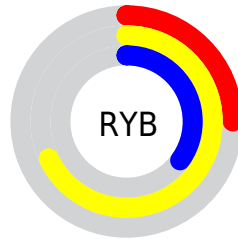
Distribution



Red (59%)

Green (68%)

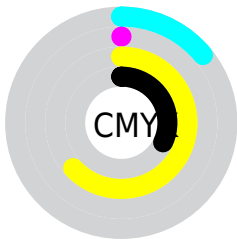
Blue (25%)



Red (25%)

Yellow (68%)

Blue (35%)

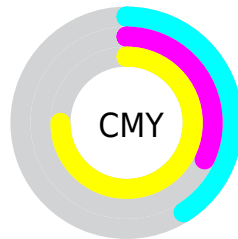


Cyan (14%)

Magenta (0%)

Yellow (63%)

Black (32%)



Cyan (41%)

Magenta (32%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96AE41 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 96AE41 by changing the saturation by 10% instead.



96AE41



96AE41

FFFFFF



7B9326



CEE676



607A03



EBFF90



466100



FFFFAC



2D4900



FFFFC8



113200



FFFFE5



001F00



000000



96AE41



96AE41



92AE30



9AAE52

8EAE1E

9EAE64

8BAE0D

A1AE75

88AE00

A5AE87

A9AE98

ADAEA9

B1AEBB

B5AECC

B8AEDE

Harmonies

Analogous

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



C89E38



96AE41



55B867

Triad

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



96AE41



00B8F7



FD77AF

Complementary

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



96AE41



5941AE

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.



DB85E0



96AE41



00ACFF

Square

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



96AE41



00BDCE



989AFF



FF7A7C

Rectangle

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



96AE41



00BC88



989AFF



F57AC0

Sweetspot

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



96AE41



D9E3B8



AE5941



6D7358



F2F2F2



737373

Same Dimension

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



96AE41



BDE339



60AE41



55574E



759600



121700

Inverse Universe

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



5941AE



5E39E3



8F41AE



504E57



210096



050017

Previews

White Background



This preview shows how the Hex color 96AE41 looks on a white background.

Color Contrast Check

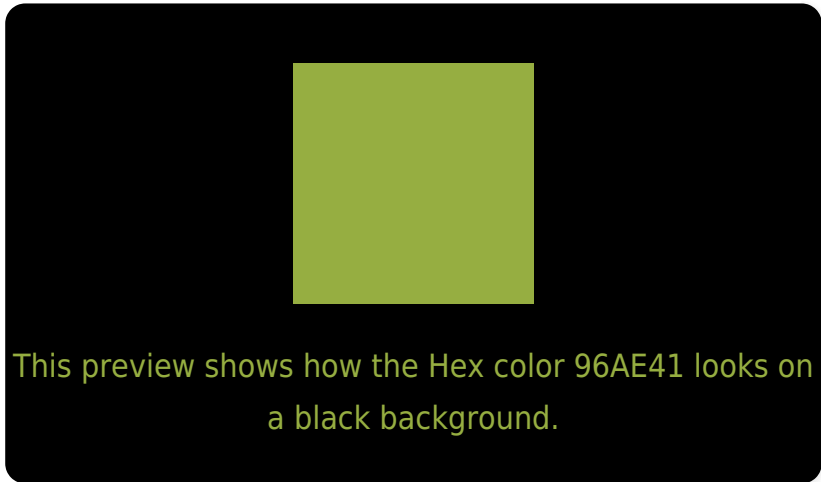
Large Text (above 18pt) WCAG AA × Fail

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 96AE41 Background



This preview shows how black text looks on a background with the Hex color 96AE41.



This preview shows how white text looks on a background with the Hex color 96AE41.

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
96AE41

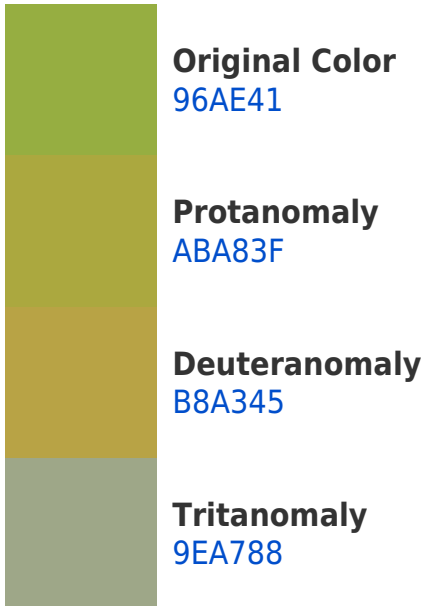
Protanopia
B7A43E

Deuteranopia
CB9C47

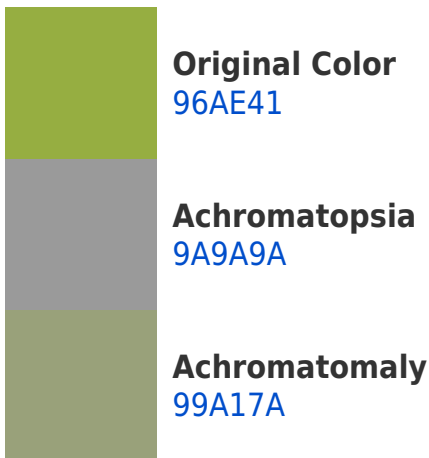


Tritanopia
A2A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96AE41 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 #96AE41 looks like.

```
.text, #text, p{  
    color:#96AE41  
}
```

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 #96AE41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AE41
}
```

Border

The CSS property to change the border of an element to Hex 96AE41 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
#96AE41 }
```

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

```
.border{ border-color:#96AE41 }
```

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

Here you see how a box with a 4 pixel #96AE41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AE41; -webkit-box-shadow:4px 4px  
4px 4px #96AE41; box-shadow:4px 4px 4px  
4px #96AE41 }
```

Background

The CSS property to change the background color of an element to Hex 96AE41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AE41 }
```

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

```
.background{ background-color:#96AE41 }
```

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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