

Converting Colors

Hex(96AF41)

Have a look what the booklet for
Hex(96AF41) contains.

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Color

Hex(96AF41)

Conversions

Conversions Part 1

Format	Color
Hex	96AF41
RGB	150, 175, 65
RGB Percent	59%, 69%, 25%
CMY	0.4118, 0.3137, 0.7451
CMYK	0.14, 0.00, 0.63, 0.31
HSL	74°, 46%, 47%
HSV	74°, 63%, 69%
XYZ	28.8618, 37.5256, 10.7230
YIQ	154.9850, 20.4100, -39.5100

Conversions

Conversions Part 2

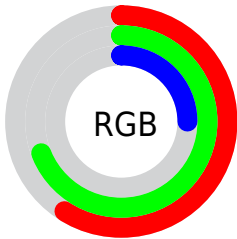
Format	Color
RYB	65, 175, 90
Decimal	9875265
CIELab	67.67, -24.57, 51.90
CIELCh	68, 57.422, 115.337
Yxy	37.5256, 0.3743, 0.4866
Android (android.graphics.Color)	4288065345 (0xFF96AF41)
YUV	154.9850, -44.3626, -4.3718
Hunter-Lab	61.2582, -23.1015, 32.5022

Details

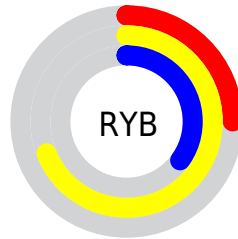
The Hex color **96AF41** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5A41AF**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CEE776**, and **607B03** is the 20% darker color. If you saturate the color by 10%, you get **92AF2F**, and if you desaturate by 10%, it is **9AAF53**.

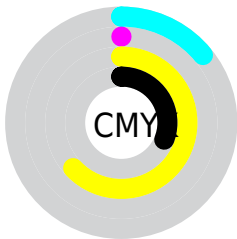
Distribution



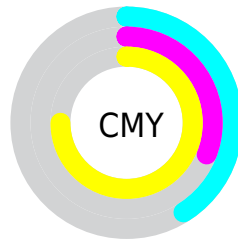
- Red (59%)
- Green (69%)
- Blue (25%)



- Red (25%)
- Yellow (69%)
- Blue (35%)



- Cyan (14%)
- Magenta (0%)
- Yellow (63%)
- Black (31%)



- Cyan (41%)
- Magenta (31%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96AF41 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 96AF41 by changing the saturation by 10% instead.



96AF41



96AF41

FFFFFF



7B9426



CEE776



607B03



EBFF91



466200



FFFACD



2D4A00



FFFACD



113300



FFFACD



001F00



000000



96AF41



96AF41



92AF2F



9AAF53

 8EAF1E

 9EAF64

 8AAF0C

 A2AF76

 87AF00

 A6AF87

 AAAF99

 AEAFAA

 B2AFBB

 B6AFCD

 BAAFDf

Harmonies

Analogous

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



C89F38



96AF41



53B967

Triad

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



96AF41



00B9F9



FF77AF

Complementary

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



96AF41



5A41AF

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.



DD85E0



96AF41



00ADFF

Square

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



96AF41



00BED0



999AFF



FF7A7C

Rectangle

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



96AF41



00BD89



999AFF



F77AC0

Sweetspot

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



96AF41



D9E3B8



AF5941



6D7358



F2F2F2



737373

Same Dimension

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



96AF41



BCE339



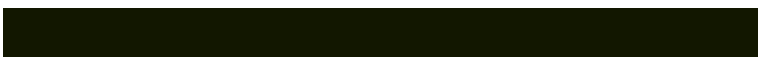
60AF41



55574E



749600



121700

Inverse Universe

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



5A41AF



5F39E3



9041AF



504E57



220096



050017

Previews

White Background



This preview shows how the Hex color 96AF41 looks on a white background.

Color Contrast Check

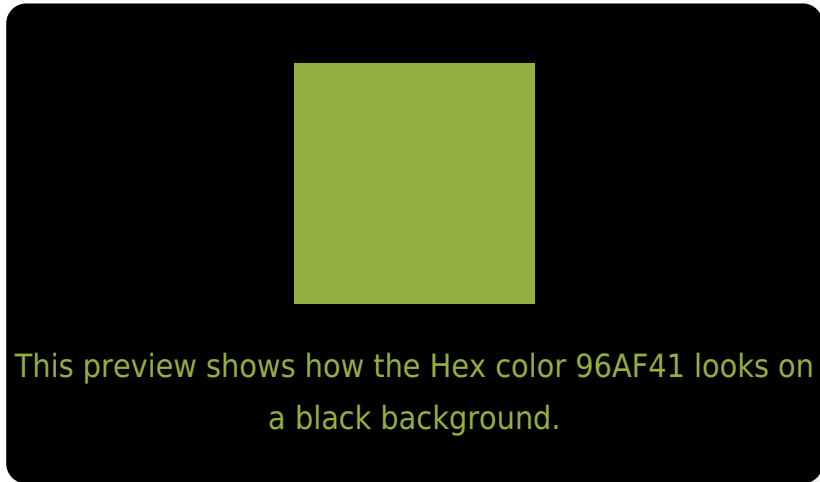
Large Text (above 18pt) WCAG AA × Fail

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 96AF41 Background



This preview shows how black text looks on a background with the Hex color 96AF41.

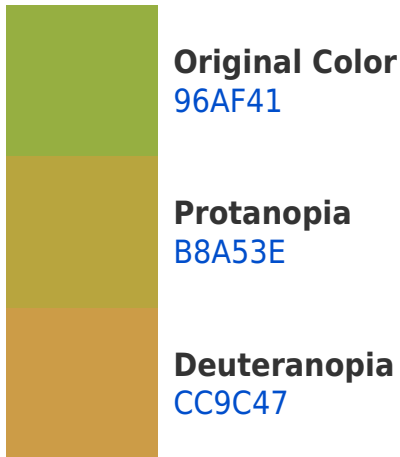


This preview shows how white text looks on a background with the Hex color 96AF41.

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](#).

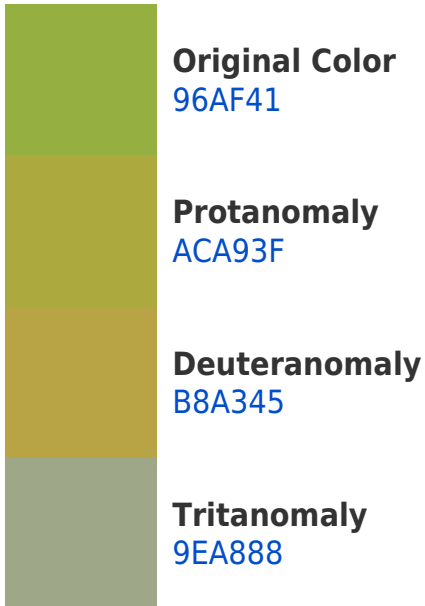
Dichromacy



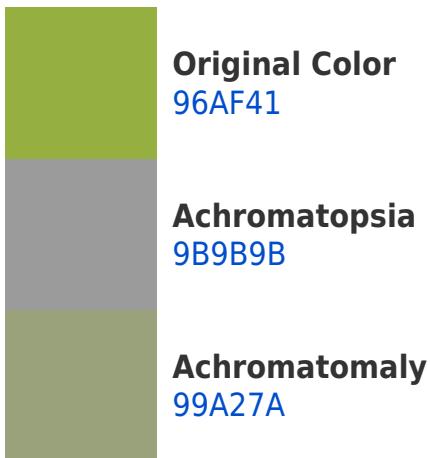


Tritanopia
A2A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96AF41 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 #96AF41 looks like.

```
.text, #text, p{  
    color:#96AF41  
}
```

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 #96AF41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AF41
}
```

Border

The CSS property to change the border of an element to Hex 96AF41 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
#96AF41 }
```

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

```
.border{ border-color:#96AF41 }
```

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

Here you see how a box with a 4 pixel #96AF41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AF41; -webkit-box-shadow:4px 4px  
4px 4px #96AF41; box-shadow:4px 4px 4px  
4px #96AF41 }
```

Background

The CSS property to change the background color of an element to Hex 96AF41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AF41 }
```

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

```
.background{ background-color:#96AF41 }
```

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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