

Converting Colors

Hex(93AE65)

Have a look what the booklet for
Hex(93AE65) contains.

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Color

Hex(93AE65)

Conversions

Conversions Part 1

Format	Color
Hex	93AE65
RGB	147, 174, 101
RGB Percent	58%, 68%, 40%
CMY	0.4235, 0.3176, 0.6039
CMYK	0.16, 0.00, 0.42, 0.32
HSL	82°, 31%, 54%
HSV	82°, 42%, 68%
XYZ	29.5176, 37.4147, 17.9779
YIQ	157.6050, 7.3410, -28.4270

Conversions

Conversions Part 2

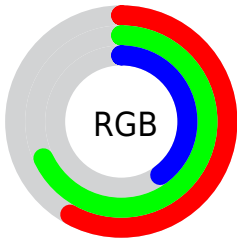
Format	Color
RYB	101, 174, 128
Decimal	9678437
CIELab	67.59, -21.69, 34.39
CIELCh	68, 40.663, 122.238
Yxy	37.4147, 0.3476, 0.4406
Android (android.graphics.Color)	4287868517 (0xFF93AE65)
YUV	157.6050, -27.9063, -9.3006
Hunter-Lab	61.1676, -20.9045, 25.3912

Details

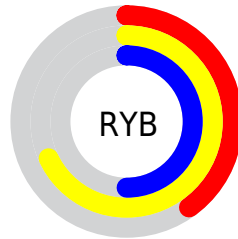
The Hex color **93AE65** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8065AE**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CAE699**, and **5F7A34** is the 20% darker color. If you saturate the color by 10%, you get **8DAE54**, and if you desaturate by 10%, it is **99AE76**.

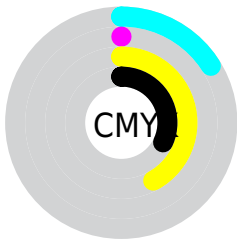
Distribution



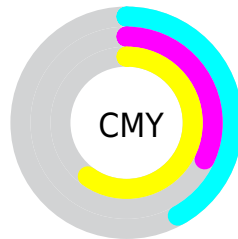
- Red (58%)
- Green (68%)
- Blue (40%)



- Red (40%)
- Yellow (68%)
- Blue (50%)



- Cyan (16%)
- Magenta (0%)
- Yellow (42%)
- Black (32%)



- Cyan (42%)
- Magenta (32%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93AE65 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 93AE65 by changing the saturation by 10% instead.



93AE65



93AE65

FFFFFF



79934C



CAE699



5F7A34



E7FFB4



46611C



FFFFD0



2E4903



FFFEC



173200



001E00



000000



93AE65



93AE65



8DAE54



99AE76

 86AE42

 A0AE88

 80AE31

 A6AE99

 79AE1F

 ADAEAB

 73AE0E

 B3AEBC

 6EAE00

 BAAECD

 C0AEDF

 C6AEF0

 CDAEFF

Harmonies

Analogous

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



B9A35A



93AE65



66B581

Triad

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



93AE65



17B1E5



E987A3

Complementary

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



93AE65



8065AE

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.



D58DC7



93AE65



71A7ED

Square

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



93AE65



00B7CB



AC9AE3



E98B7F

Rectangle

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



93AE65



40B799



AC9AE3



E588B0

Sweetspot

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



93AE65



D8E3C5



AE8065



6C7360



F2F2F2



737373

Same Dimension

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



93AE65



B9E371



6FAE65



53574E



5F9600



0E1700

Inverse Universe

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



8065AE



9B71E3



A465AE



514E57



380096



080017

Previews

White Background



This preview shows how the Hex color 93AE65 looks on a white background.

Color Contrast Check

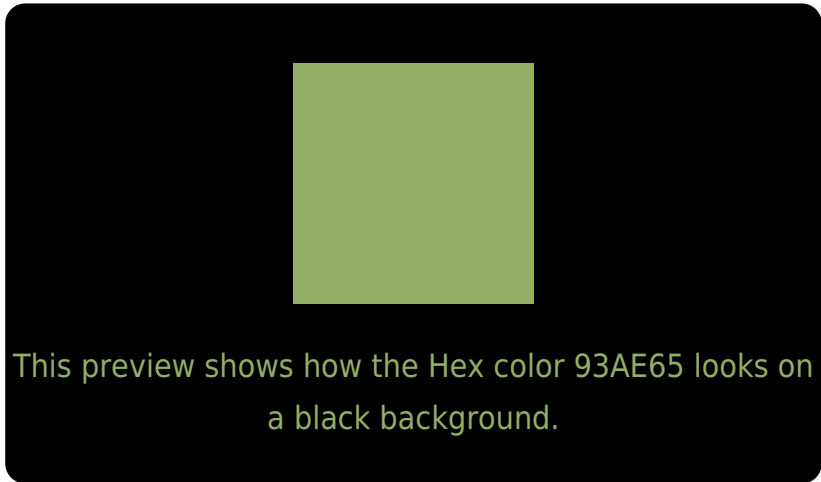
Large Text (above 18pt) WCAG AA × Fail

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

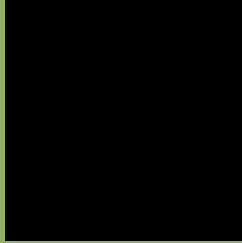
Any Text WCAG AA ✓ Pass

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 93AE65 Background



This preview shows how black text looks on a background with the Hex color 93AE65.

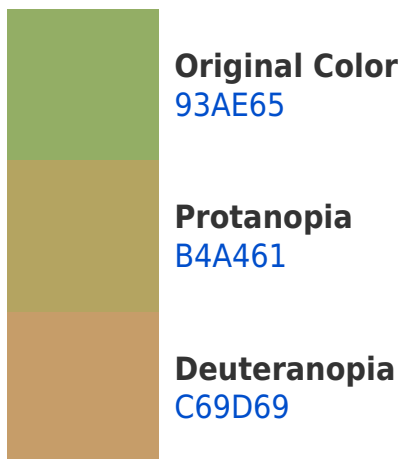


This preview shows how white text looks on a background with the Hex color 93AE65.

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
9DA5B2

Trichromacy



Original Color
93AE65

Protanomaly
A8A862

Deuteranomaly
B3A368

Tritanomaly
99A896

Monochromacy



Original Color
93AE65

Achromatopsia
9E9E9E

Achromatomaly
9AA489

CSS Examples

Text

The CSS property to change the color of the text to Hex 93AE65 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 #93AE65 looks like.

```
.text, #text, p{  
    color:#93AE65  
}
```

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 #93AE65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AE65
}
```

Border

The CSS property to change the border of an element to Hex 93AE65 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
#93AE65 }
```

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

```
.border{ border-color:#93AE65 }
```

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

Here you see how a box with a 4 pixel #93AE65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AE65; -webkit-box-shadow:4px 4px  
4px 4px #93AE65; box-shadow:4px 4px 4px  
4px #93AE65 }
```

Background

The CSS property to change the background color of an element to Hex 93AE65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AE65 }
```

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

```
.background{ background-color:#93AE65 }
```

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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