

Converting Colors

Hex(93A362)

Have a look what the booklet for
Hex(93A362) contains.

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Color

Hex(93A362)

Conversions

Conversions Part 1

Format	Color
Hex	93A362
RGB	147, 163, 98
RGB Percent	58%, 64%, 38%
CMY	0.4235, 0.3608, 0.6157
CMYK	0.10, 0.00, 0.40, 0.36
HSL	75°, 26%, 51%
HSV	75°, 40%, 64%
XYZ	27.3344, 33.2793, 16.5381
YIQ	150.8060, 11.3290, -23.6070

Conversions

Conversions Part 2

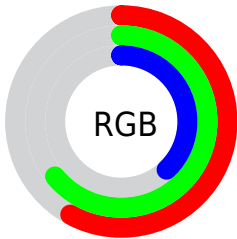
Format	Color
RYB	98, 163, 114
Decimal	9675618
CIELab	64.39, -16.46, 31.89
CIELCh	64, 35.884, 117.299
Yxy	33.2793, 0.3543, 0.4313
Android (android.graphics.Color)	4287865698 (0xFF93A362)
YUV	150.8060, -26.0334, -3.3379
Hunter-Lab	57.6882, -16.3756, 23.3844

Details

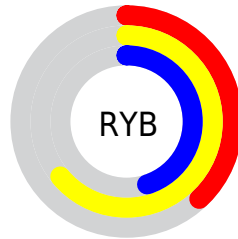
The Hex color **93A362** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7262A3**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CADA96**, and **5F6F32** is the 20% darker color. If you saturate the color by 10%, you get **8FA352**, and if you desaturate by 10%, it is **97A372**.

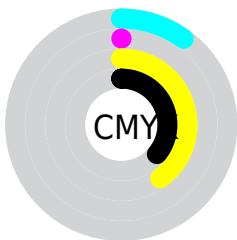
Distribution



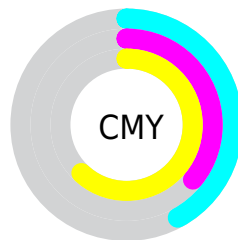
- Red (58%)
- Green (64%)
- Blue (38%)



- Red (38%)
- Yellow (64%)
- Blue (45%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93A362 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 93A362 by changing the saturation by 10% instead.



93A362



93A362

FFFFFF



798949



CADA96



5F6F32



E6F6B1



46571A



FFFCC



2F4002



FFFEE9



182900



001700



000000



93A362



93A362



8FA352



97A372

8BA341

9BA383

87A331

9FA393

83A321

A3A3A3

7FA311

A7A3B3

7BA300

ABA3C4

AFA3D4

B3A3E4

B7A3F5

Harmonies

Analogous

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



B4995C



93A362



6DAA78

Triad

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



93A362



2BA8D1



D783A0

Complementary

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



93A362



7262A3

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.



C28ABF



93A362



68A0DC

Square

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



93A362



09ADB8



9C95D5



DA8580

Rectangle

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



93A362



51AC8D



9C95D5



D285AB

Sweetspot

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



93A362



CDD4BA



A37162



676B5C



EBEBEB



6B6B6B

Same Dimension

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



93A362



BBD46E



73A362



505249



6E9100



0D1200

Inverse Universe

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



7262A3



876ED4



9262A3



4B4952



240091



040012

Previews

White Background



This preview shows how the Hex color 93A362 looks on a white background.

Color Contrast Check

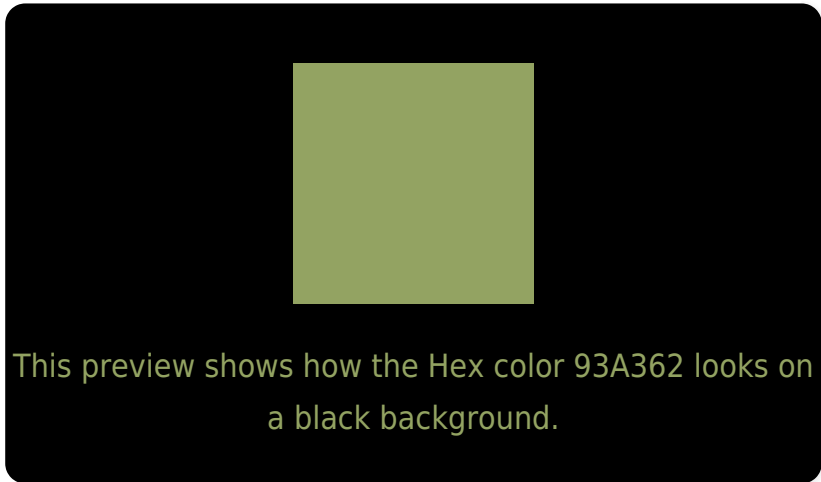
Large Text (above 18pt) WCAG AA × Fail

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

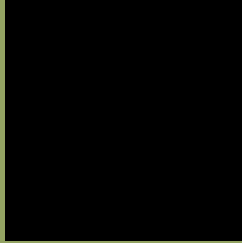
Any Text WCAG AA ✓ Pass

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 93A362 Background



This preview shows how black text looks on a background with the Hex color 93A362.

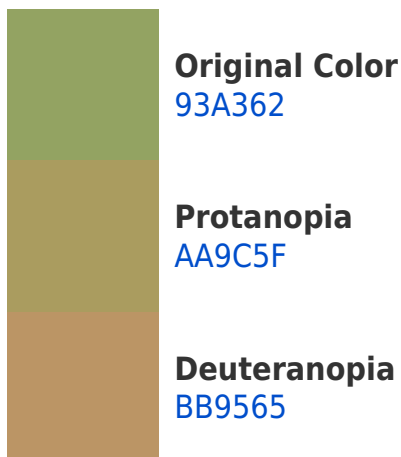


This preview shows how white text looks on a background with the Hex color 93A362.

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](#).

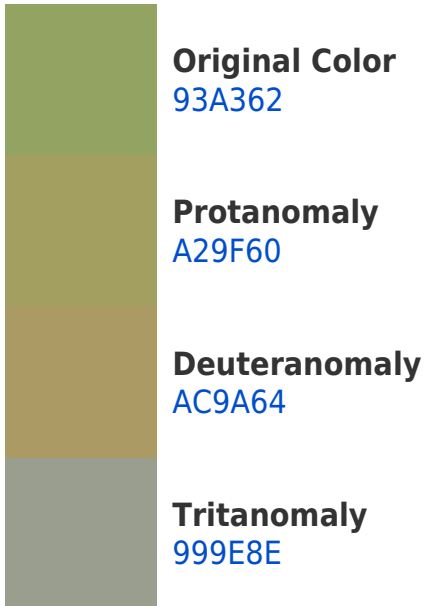
Dichromacy



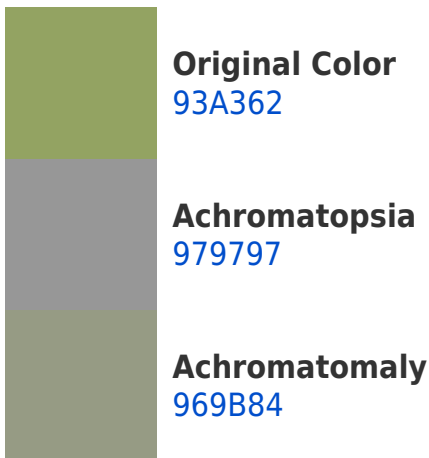


Tritanopia
9C9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93A362 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 #93A362 looks like.

```
.text, #text, p{  
    color:#93A362  
}
```

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 #93A362 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A362
}
```

Border

The CSS property to change the border of an element to Hex 93A362 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
#93A362 }
```

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

```
.border{ border-color:#93A362 }
```

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

Here you see how a box with a 4 pixel #93A362 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A362; -webkit-box-shadow:4px 4px  
4px 4px #93A362; box-shadow:4px 4px 4px  
4px #93A362 }
```

Background

The CSS property to change the background color of an element to Hex 93A362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A362 }
```

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

```
.background{ background-color:#93A362 }
```

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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