

Converting Colors

Hex(94D162)

Have a look what the booklet for
Hex(94D162) contains.

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Color

Hex(94D162)

Conversions

Conversions Part 1

Format	Color
Hex	94D162
RGB	148, 209, 98
RGB Percent	58%, 82%, 38%
CMY	0.4196, 0.1804, 0.6157
CMYK	0.29, 0.00, 0.53, 0.18
HSL	93°, 55%, 60%
HSV	93°, 53%, 82%
XYZ	37.2178, 52.7787, 19.7810
YIQ	178.1070, -0.7250, -47.4530

Conversions

Conversions Part 2

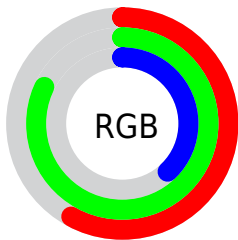
Format	Color
RYB	98, 209, 159
Decimal	9752930
CIELab	77.74, -38.27, 48.35
CIELCh	78, 61.668, 128.361
Yxy	52.7787, 0.3390, 0.4808
Android (android.graphics.Color)	4287943010 (0xFF94D162)
YUV	178.1070, -39.4928, -26.4038
Hunter-Lab	72.6489, -35.6907, 34.7107

Details

The Hex color **94D162** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9F62D1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **CDFF97**, and **5D9A2E** is the 20% darker color. If you saturate the color by 10%, you get **89D14D**, and if you desaturate by 10%, it is **9FD177**.

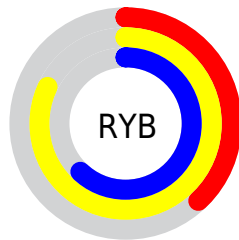
Distribution



Red (58%)

Green (82%)

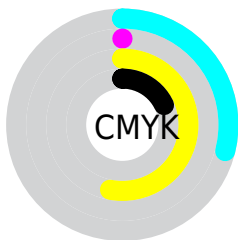
Blue (38%)



Red (38%)

Yellow (82%)

Blue (62%)

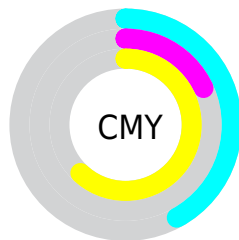


Cyan (29%)

Magenta (0%)

Yellow (53%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94D162 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 94D162 by changing the saturation by 10% instead.



94D162



94D162

FFFFFF



78B548



CDFF97



5D9A2E



EAFFB3



428010



FFFFCF



266600



FFFEC



044E00



003600



002200



000000



94D162



94D162

 89D14D

 9FD177

 7DD138

 ABD18C

 72D123

 B6D1A1

 66D10E

 C2D1B6

 5ED100

 CDD1CB

 D9D1DF

 E4D1F4

 F0D1FF

 FBD1FF

Harmonies

Analogous

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



D1C248



94D162



34DA94

Triad

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



94D162



00D1FF



FF8EB2

Complementary

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



94D162



9F62D1

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.



FF95EC



94D162



74C1FF

Square

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



94D162



00DAFF



D9ABFF



FF997C

Rectangle

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



94D162



00DCBB



D9ABFF



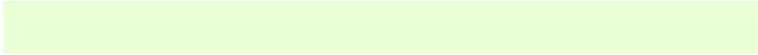
FF8EC6

Sweetspot

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



94D162



E9FFD6



D19D62



728067



000000



808080

Same Dimension

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



94D162



A5FF5C



62D166



63695E



4CA800



122900

Inverse Universe

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



9F62D1



B55CFF



D162CD



645E69



5C00A8



160029

Previews

White Background



This preview shows how the Hex color 94D162 looks on a white background.

Color Contrast Check

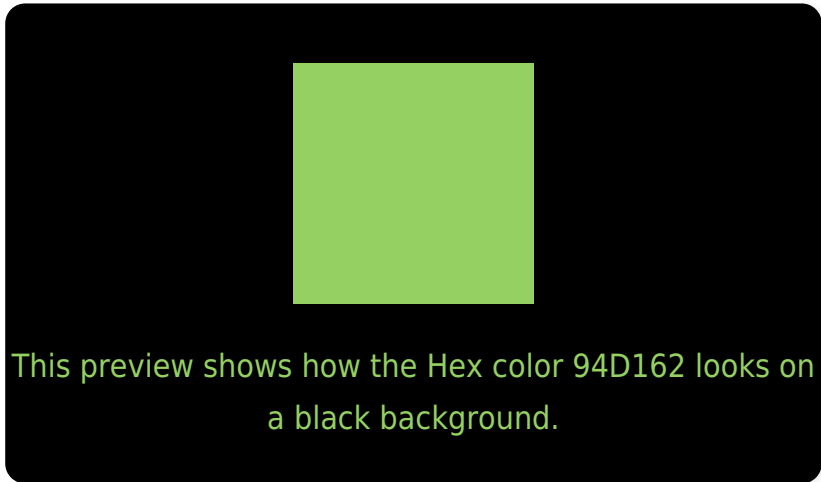
Large Text (above 18pt) WCAG AA × Fail

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 94D162 Background



This preview shows how black text looks on a background with the Hex color 94D162.

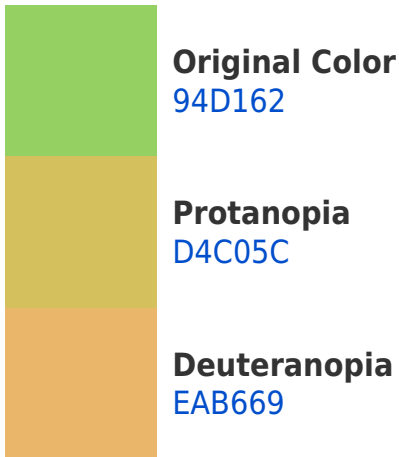


This preview shows how white text looks on a background with the Hex color 94D162.

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](#).

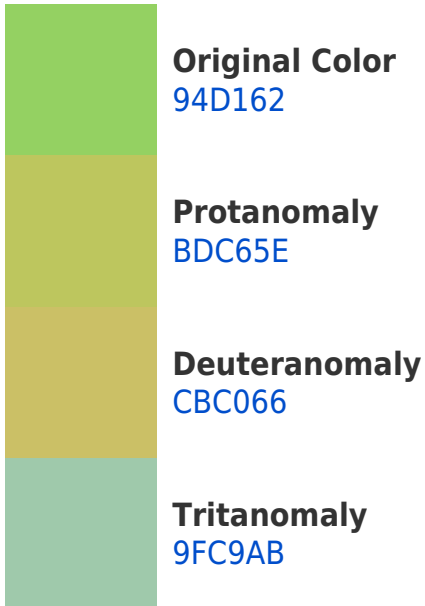
Dichromacy



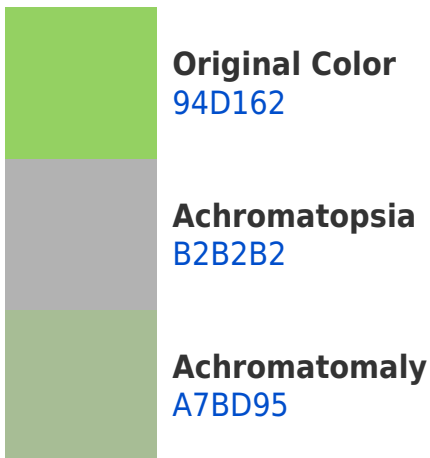


Tritanopia
A5C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94D162 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 #94D162 looks like.

```
.text, #text, p{  
    color:#94D162  
}
```

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 #94D162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D162
}
```

Border

The CSS property to change the border of an element to Hex 94D162 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
#94D162 }
```

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

```
.border{ border-color:#94D162 }
```

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

Here you see how a box with a 4 pixel #94D162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D162; -webkit-box-shadow:4px 4px  
4px 4px #94D162; box-shadow:4px 4px 4px  
4px #94D162 }
```

Background

The CSS property to change the background color of an element to Hex 94D162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D162 }
```

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

```
.background{ background-color:#94D162 }
```

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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