

# Converting Colors

Hex(82A564)

Have a look what the booklet for  
Hex(82A564) contains.

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# **Color**

**Hex(82A564)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82A564
RGB	130, 165, 100
RGB Percent	51%, 65%, 39%
CMY	0.4902, 0.3529, 0.6078
CMYK	0.21, 0.00, 0.39, 0.35
HSL	92°, 27%, 52%
HSV	92°, 39%, 65%
XYZ	24.9613, 32.5762, 17.0288
YIQ	147.1250, 0.0050, -27.6350

# Conversions

## Conversions Part 2

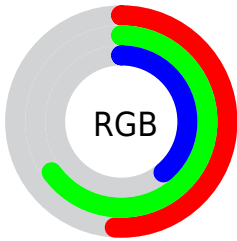
Format	Color
<a href="#">RYB</a>	<a href="#">100, 165, 135</a>
Decimal	<a href="#">8562020</a>
CIELab	<a href="#">63.82, -23.84, 29.86</a>
CIELCh	<a href="#">64, 38.210, 128.607</a>
Yxy	<a href="#">32.5762, 0.3348, 0.4369</a>
Android (android.graphics.Color)	<a href="#">4286752100 (0xFF82A564)</a>
YUV	<a href="#">147.1250, -23.2326, -15.0186</a>
Hunter-Lab	<a href="#">57.0756, -21.8174, 22.2634</a>

# Details

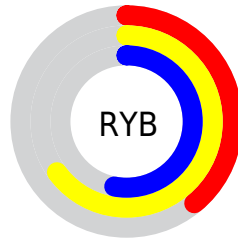
The Hex color **82A564** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8764A5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B8DC98**, and **4F7134** is the 20% darker color. If you saturate the color by 10%, you get **79A554**, and if you desaturate by 10%, it is **8BA574**.

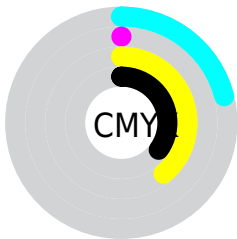
# Distribution



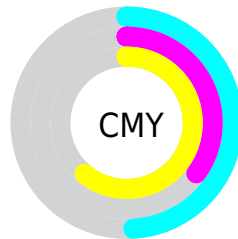
- Red (51%)
- Green (65%)
- Blue (39%)



- Red (39%)
- Yellow (65%)
- Blue (53%)



- Cyan (21%)
- Magenta (0%)
- Yellow (39%)
- Black (35%)



- Cyan (49%)
- Magenta (35%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A564 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 82A564 by changing the saturation by 10% instead.





82A564



82A564

FFFFFF



688B4B



B8DC98



4F7134



D4F9B3



37581D



F1FFCE



1F4105



FFFFEB



072A00



001600



000000



82A564



82A564



79A554



8BA574

 70A543

 94A585

 67A532

 9DA595

 5EA522

 A6A5A6

 56A511

 AEA5B6

 4DA501

 B7A5C7

 4CA500

 C0A5D8

 C9A5E8

 D2A5F8

# Harmonies

## Analogous

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



A79C56



82A564



56AB81

# Triad

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



82A564



33A5D9



DC7F92

# Complementary

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



82A564



8764A5

# 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.



CD83B4



82A564



789BDE

# Square

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



82A564



00ABC4



AB8ED0



D88572

# Rectangle

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



82A564



31AC98



AB8ED0



D9809E



# Sweetspot

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



82A564



C8D6BC



A58764



636B5C



EBEBEB



6B6B6B



# Same Dimension

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



82A564



A0D672



64A566



4D5249



439100



081200



# Inverse Universe

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



8764A5



A872D6



A564A3



4E4952



4E0091



0A0012



# Previews

## White Background



This preview shows how the Hex color 82A564 looks on a white background.

## Color Contrast Check

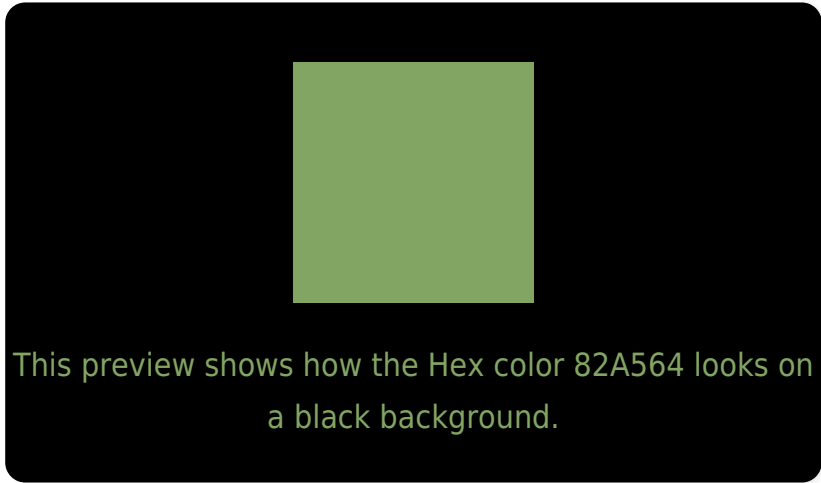
Large Text (above 18pt) WCAG AA × Fail

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 82A564 Background



This preview shows how black text looks on a background with the Hex color 82A564.



This preview shows how white text looks on a background with the Hex color 82A564.

# 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](#).

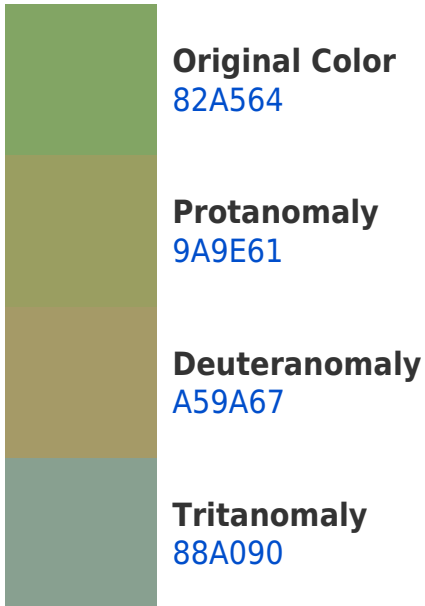
## Dichromacy



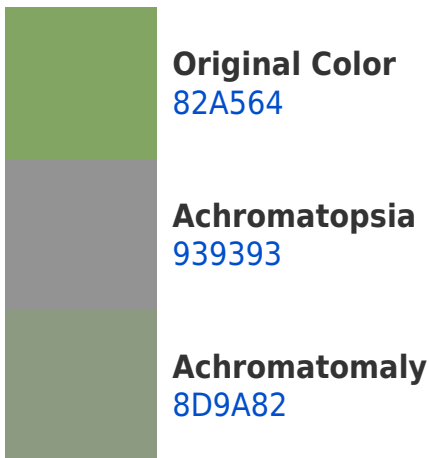


**Tritanopia**  
8C9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A564 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 #82A564 looks like.

```
.text, #text, p{  
    color:#82A564  
}
```

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 #82A564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A564
}
```

## Border

The CSS property to change the border of an element to Hex 82A564 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
#82A564 }
```

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

```
.border{ border-color:#82A564 }
```

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

Here you see how a box with a 4 pixel #82A564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A564; -webkit-box-shadow:4px 4px  
4px 4px #82A564; box-shadow:4px 4px 4px  
4px #82A564 }
```

# Background

The CSS property to change the background color of an element to Hex 82A564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A564 }
```

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

```
.background{ background-color:#82A564 }
```

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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