

# Converting Colors

Hex(879526)

Have a look what the booklet for  
Hex(879526) contains.

<b>Hex(879526)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(879526)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	879526
RGB	135, 149, 38
RGB Percent	53%, 58%, 15%
CMY	0.4706, 0.4157, 0.8510
CMYK	0.09, 0.00, 0.74, 0.42
HSL	68°, 59%, 37%
HSV	68°, 74%, 58%
XYZ	21.0890, 26.7857, 5.8924
YIQ	132.1600, 27.2870, -37.4890

# Conversions

## Conversions Part 2

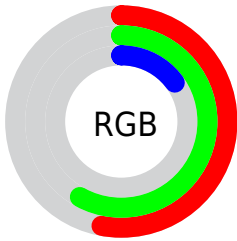
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 149, 52
Decimal	8885542
CIE <sub>Lab</sub>	58.78, -19.61, 53.27
CIE <sub>LCh</sub>	59, 56.768, 110.209
Yxy	26.7857, 0.3922, 0.4982
Android (android.graphics.Color)	4287075622 (0xFF879526)
YUV	132.1600, -46.4209, 2.4907
Hunter-Lab	51.7549, -17.8364, 29.4782

# Details

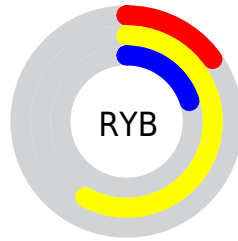
The Hex color **879526** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **342695**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BFCB5C**, and **526200** is the 20% darker color. If you saturate the color by 10%, you get **859517**, and if you desaturate by 10%, it is **899535**.

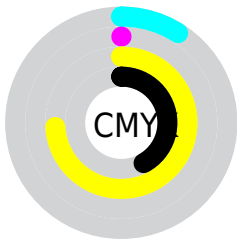
# Distribution



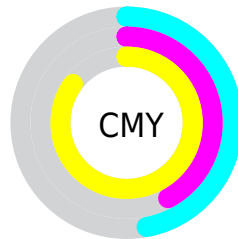
- Red (53%)
- Green (58%)
- Blue (15%)



- Red (15%)
- Yellow (58%)
- Blue (20%)



- Cyan (9%)
- Magenta (0%)
- Yellow (74%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879526 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 879526 by changing the saturation by 10% instead.





879526



879526

FFFFFF



6C7B02



BFCB5C



526200



DCE776



384B00



F9FF91



1E3400



FFFFAC



001F00



FFFFC9



000000



FFFFE5



879526



879526



859517



899535

■ 839508

■ 8B9544

■ 829500

■ 8D9553

■ 8F9562

■ 909571

■ 92957F

■ 94958E

■ 96959D

■ 9895AC

# Harmonies

## Analogous

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



B58523



879526



4A9F4A

# Triad

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



879526



00A2D9



DF61A0

# Complementary

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



879526



342695

# 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.



BA72CE



879526



0098EF

# Square

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



879526



00A5AE



7087EB



E8616E

# Rectangle

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



879526



00A36A



7087EB



D665B0



# Sweetspot

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



879526



BCC297



953326



5E6148



E0E0E0



616161



# Same Dimension

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



879526



ACC215



519526



494A43



788A00



090A00



# Inverse Universe

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



342695



2B15C2



6A2695



43434A



11008A



01000A



# Previews

## White Background



This preview shows how the Hex color 879526 looks on a white background.

## Color Contrast Check

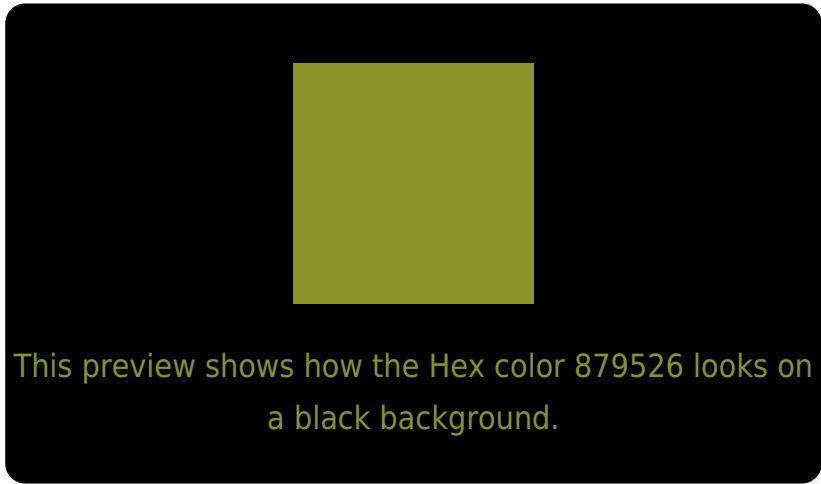
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 879526 Background



This preview shows how black text looks on a background with the Hex color 879526.



This preview shows how white text looks on a background with the Hex color 879526.

# 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



**Original Color**  
879526

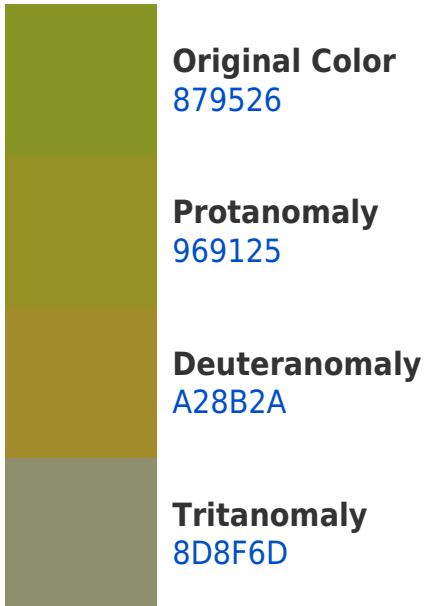
**Protanopia**  
9F8E24

**Deuteranopia**  
B1862C

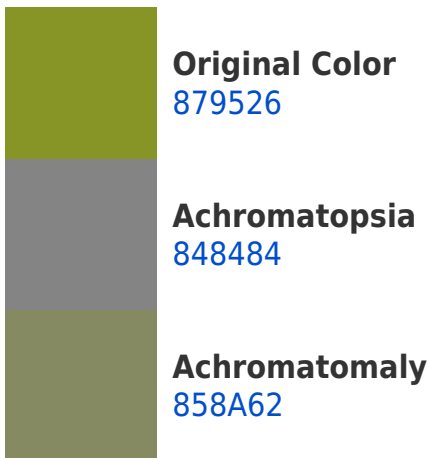


**Tritanopia**  
918B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879526 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 #879526 looks like.

```
.text, #text, p{  
    color:#879526  
}
```

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 #879526 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879526
}
```

## Border

The CSS property to change the border of an element to Hex 879526 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
#879526 }
```

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

```
.border{ border-color:#879526 }
```

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

Here you see how a box with a 4 pixel #879526 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879526; -webkit-box-shadow:4px 4px  
4px 4px #879526; box-shadow:4px 4px 4px  
4px #879526 }
```

# Background

The CSS property to change the background color of an element to Hex 879526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879526 }
```

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

```
.background{ background-color:#879526 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor