

# Converting Colors

Hex(A49935)

Have a look what the booklet for  
Hex(A49935) contains.

<b>Hex(A49935)</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(A49935)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A49935
RGB	164, 153, 53
RGB Percent	64%, 60%, 21%
CMY	0.3569, 0.4000, 0.7922
CMYK	0.00, 0.07, 0.68, 0.36
HSL	54°, 51%, 43%
HSV	54°, 68%, 64%
XYZ	27.3437, 30.9320, 7.8975
YIQ	144.8890, 38.6560, -28.7680

# Conversions

## Conversions Part 2

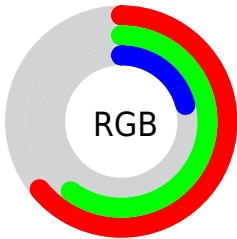
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">65, 164, 53</a>
Decimal	<a href="#">10787125</a>
CIELab	<a href="#">62.45, -8.07, 51.85</a>
CIELCh	<a href="#">62, 52.476, 98.852</a>
Yxy	<a href="#">30.9320, 0.4132, 0.4674</a>
Android (android.graphics.Color)	<a href="#">4288977205 (0xFFA49935)</a>
YUV	<a href="#">144.8890, -45.3013, 16.7603</a>
Hunter-Lab	<a href="#">55.6166, -9.5701, 30.5125</a>

# Details

The Hex color **A49935** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3540A4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **DDCF69**, and **6D6600** is the 20% darker color. If you saturate the color by 10%, you get **A49725**, and if you desaturate by 10%, it is **A49B45**.

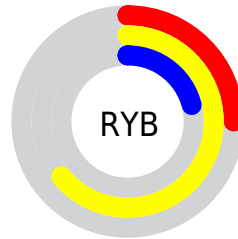
# Distribution



Red (64%)

Green (60%)

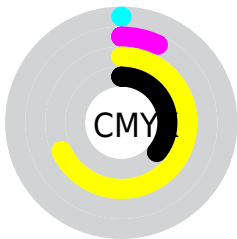
Blue (21%)



Red (25%)

Yellow (64%)

Blue (21%)

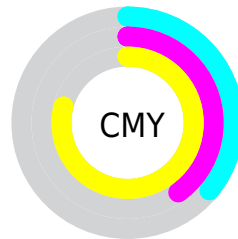


Cyan (0%)

Magenta (7%)

Yellow (68%)

Black (36%)



Cyan (36%)

Magenta (40%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A49935 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 A49935 by changing the saturation by 10% instead.





A49935



A49935

FFFFFF



887F19



DDCF69



6D6600



FBEB84



534E00



FFFF9F



393800



FFFFBA



202300



FFFD7



000E00



FFFFF4



000000



A49935



A49935



A49725



A49B45

 A49614

 A49C56

 A49404

 A49E66

 A49400

 A4A077

 A4A187

 A4A397

 A4A4A8

 A4A6B8

 A4A8C9

# Harmonies

## Analogous

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



CC893E



A49935



72A54B

# Triad

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



A49935



00ACD0



DB74BA

# Complementary

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



A49935



3540A4

# 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.



AC85E0



A49935



00A5ED

# Square

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



A49935



00AEA4



5A97F3



ED6E8B

# Rectangle

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



A49935



45AA65



5A97F3



CE79C8



# Sweetspot

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



A49935



D6D2AB



A43540



6B6951



EBEBEB



6B6B6B



# Same Dimension

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



A49935



D6C529



78A435



525149



918300



121000



# Inverse Universe

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



3540A4



293AD6



6135A4



494A52



000E91



000212



# Previews

## White Background



This preview shows how the Hex color A49935 looks on a white background.

## Color Contrast Check

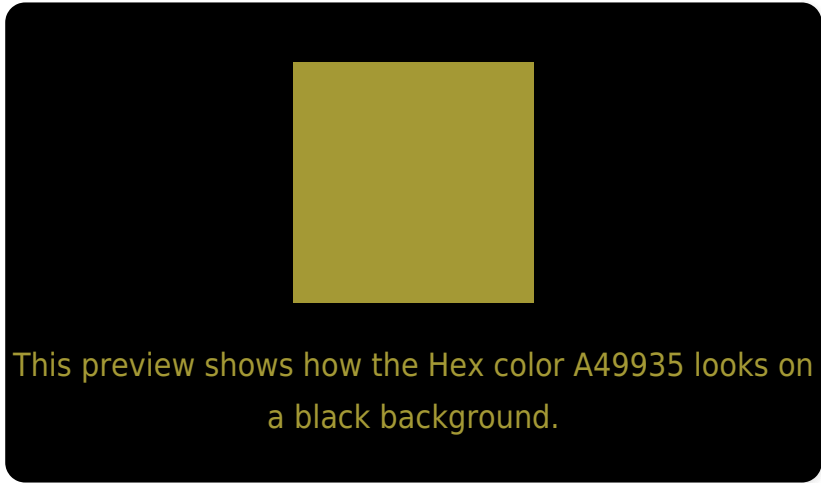
Large Text (above 18pt) WCAG AA × Fail

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 A49935 Background



This preview shows how black text looks on a background with the Hex color A49935.



This preview shows how white text looks on a background with the Hex color A49935.

# 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**  
A49935

**Protanopia**  
A99735

**Deuteranopia**  
BC9038



**Tritanopia**  
AD8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A49935 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 #A49935 looks like.

```
.text, #text, p{  
    color:#A49935  
}
```

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 #A49935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A49935
}
```

## Border

The CSS property to change the border of an element to Hex A49935 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
#A49935 }
```

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

```
.border{ border-color:#A49935 }
```

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

Here you see how a box with a 4 pixel #A49935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A49935; -webkit-box-shadow:4px 4px  
4px 4px #A49935; box-shadow:4px 4px 4px  
4px #A49935 }
```

# Background

The CSS property to change the background color of an element to Hex A49935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A49935 }
```

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

```
.background{ background-color:#A49935 }
```

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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