

# Converting Colors

Hex(95BA36)

Have a look what the booklet for  
Hex(95BA36) contains.

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**Color**

**Hex(95BA36)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95BA36
RGB	149, 186, 54
RGB Percent	58%, 73%, 21%
CMY	0.4157, 0.2706, 0.7882
CMYK	0.20, 0.00, 0.71, 0.27
HSL	77°, 55%, 47%
HSV	77°, 71%, 73%
XYZ	30.6192, 41.7737, 9.9394
YIQ	159.8890, 20.3200, -48.8960

# Conversions

## Conversions Part 2

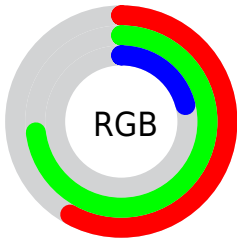
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 186, 91
Decimal	9812534
CIELab	70.71, -31.01, 59.46
CIELCh	71, 67.057, 117.546
Yxy	41.7737, 0.3719, 0.5074
Android (android.graphics.Color)	4288002614 (0xFF95BA36)
YUV	159.8890, -52.2033, -9.5497
Hunter-Lab	64.6326, -28.5440, 36.1250

# Details

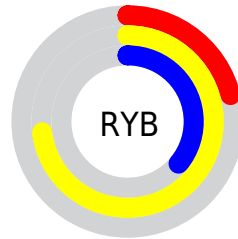
The Hex color **95BA36** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5B36BA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **CEF26D**, and **5E8500** is the 20% darker color. If you saturate the color by 10%, you get **90BA23**, and if you desaturate by 10%, it is **9ABA49**.

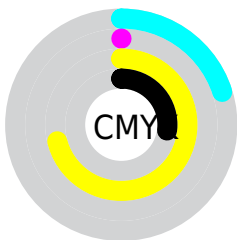
# Distribution



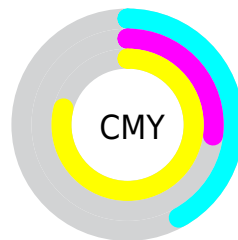
- Red (58%)
- Green (73%)
- Blue (21%)



- Red (21%)
- Yellow (73%)
- Blue (36%)



- Cyan (20%)
- Magenta (0%)
- Yellow (71%)
- Black (27%)



- Cyan (42%)
- Magenta (27%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95BA36 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 95BA36 by changing the saturation by 10% instead.





95BA36



95BA36

FFFFFF



799F16



CEF26D



5E8500



EBFF88



436B00



FFFFA4



285300



FFFFC0



073B00



FFFFDD



002600



FFFFFA



000500



000000



95BA36



95BA36

■ 90BA23

■ 9ABA49

■ 8BBA11

■ 9FBA5B

■ 86BA00

■ A5BA6E

■ AABA80

■ AFBA93

■ B4BAA6

■ B9BAB8

■ BFBACB

■ C4BADD

# Harmonies

## Analogous

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



D1A825



95BA36



3CC568

# Triad

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



95BA36



00C4FF



FF73B5

# Complementary

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



95BA36



5B36BA

# 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.



F284EF



95BA36



00B6FF

# Square

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



95BA36



00CAE4



A49FFF



FF7A78

# Rectangle

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



95BA36



00C991



A49FFF



FF77C9



# Sweetspot

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



95BA36



E4F2BF



BA5936



727A5C



FAFAFA



7A7A7A



# Same Dimension

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



95BA36



B9F224



55BA36



595C53



709C00



141C00



# Inverse Universe

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



5B36BA



5E24F2



9B36BA



55535C



2C009C



08001C



# Previews

## White Background



This preview shows how the Hex color 95BA36 looks on a white background.

## Color Contrast Check

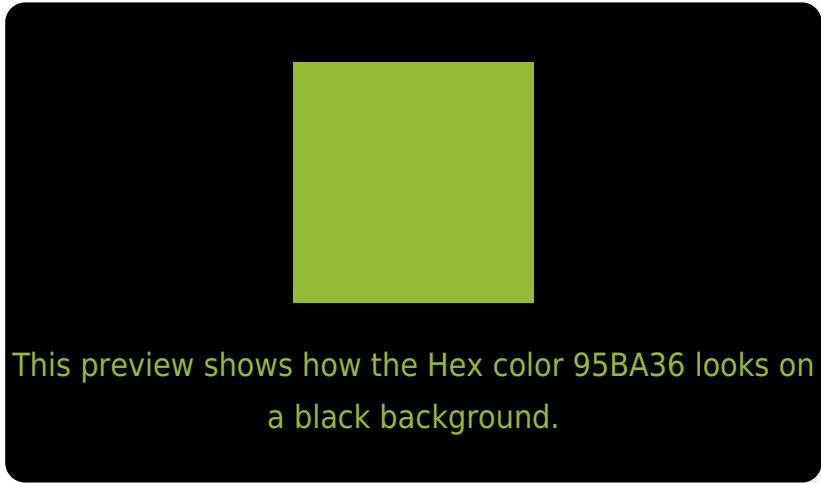
Large Text (above 18pt) WCAG AA × Fail

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 95BA36 Background



This preview shows how black text looks on a background with the Hex color 95BA36.



This preview shows how white text looks on a background with the Hex color 95BA36.

# 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



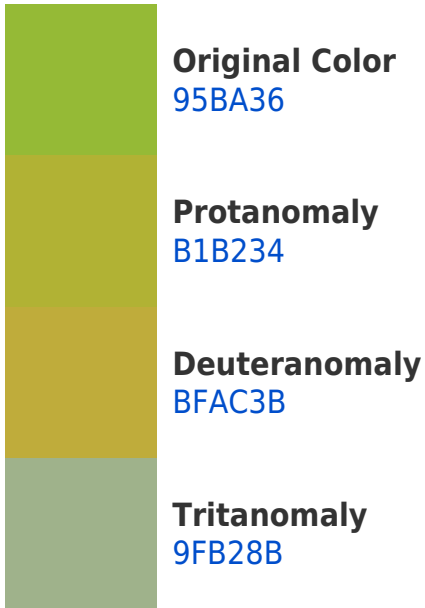
**Original Color**  
95BA36

**Protanopia**  
C1AD33

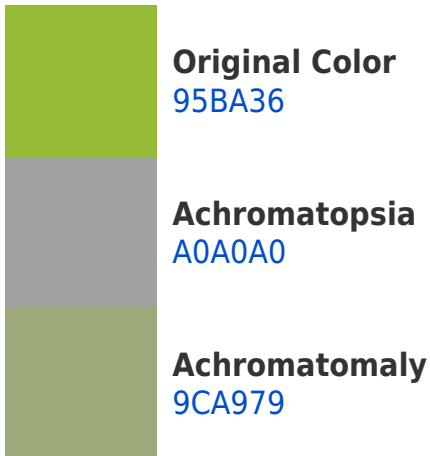
**Deuteranopia**  
D7A43E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95BA36 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 #95BA36 looks like.

```
.text, #text, p{  
    color:#95BA36  
}
```

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 #95BA36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95BA36
}
```

## Border

The CSS property to change the border of an element to Hex 95BA36 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
#95BA36 }
```

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

```
.border{ border-color:#95BA36 }
```

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

Here you see how a box with a 4 pixel #95BA36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95BA36; -webkit-box-shadow:4px 4px  
4px 4px #95BA36; box-shadow:4px 4px 4px  
4px #95BA36 }
```

# Background

The CSS property to change the background color of an element to Hex 95BA36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95BA36 }
```

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

```
.background{ background-color:#95BA36 }
```

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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