

# Converting Colors

Hex(979F35)

Have a look what the booklet for  
Hex(979F35) contains.

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**Color**

**Hex(979F35)**

# Conversions

## Conversions Part 1

Format	Color
Hex	979F35
RGB	151, 159, 53
RGB Percent	59%, 62%, 21%
CMY	0.4078, 0.3765, 0.7922
CMYK	0.05, 0.00, 0.67, 0.38
HSL	65°, 50%, 42%
HSV	65°, 67%, 62%
XYZ	25.8032, 31.6326, 8.1139
YIQ	144.5240, 29.2580, -34.6620

# Conversions

## Conversions Part 2

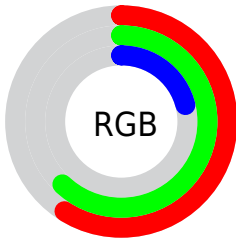
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 159, 61
Decimal	9936693
CIELab	63.04, -16.93, 52.11
CIElCh	63, 54.790, 107.996
Yxy	31.6326, 0.3936, 0.4826
Android (android.graphics.Color)	4288126773 (0xFF979F35)
YUV	144.5240, -45.1213, 5.6795
Hunter-Lab	56.2429, -16.5324, 30.8165

# Details

The Hex color **979F35** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3D359F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D0D669**, and **616C00** is the 20% darker color. If you saturate the color by 10%, you get **969F25**, and if you desaturate by 10%, it is **989F45**.

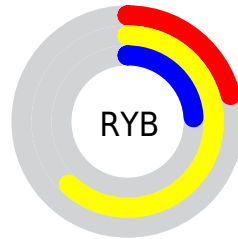
# Distribution



Red (59%)

Green (62%)

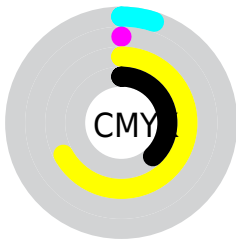
Blue (21%)



Red (21%)

Yellow (62%)

Blue (24%)

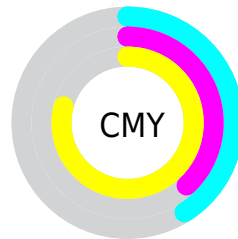


Cyan (5%)

Magenta (0%)

Yellow (67%)

Black (38%)



Cyan (41%)

Magenta (38%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979F35 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 979F35 by changing the saturation by 10% instead.



 979F35

 979F35

FFFFFF

 7C8519

 D0D669

 616C00

 EDF284

 475400

 FFFF9F

 2E3D00

 FFFFBB

 142700

 FFFFD7

 001300

 FFFFF4

 000000

 979F35

 979F35

 969F25

 989F45

■ 959F15

■ 999F55

■ 939F05

■ 9B9F65

■ 939F00

■ 9C9F75

■ 9D9F85

■ 9E9F94

■ 9F9FA4

■ A19FB4

■ A29FC4

# Harmonies

## Analogous

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



C48F35



979F35



5EAA54

# Triad

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



979F35



00ADE0



E86FAE

# Complementary

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



979F35



3D359F

# 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.



C07FDA



979F35



00A4F8

# Square

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



979F35



00B0B5



7894F5



F26E7D

# Rectangle

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



979F35



17AE72



7894F5



DE74BE



# Sweetspot

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



979F35



CBCFA5



9F3C35



67694F



E8E8E8



696969



# Same Dimension

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



979F35



C2CF29



639F35



4E4F47



848F00



0E0F00



# Inverse Universe

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



3D359F



3629CF



71359F



48474F



0B008F



01000F



# Previews

## White Background



This preview shows how the Hex color 979F35 looks on a white background.

## Color Contrast Check

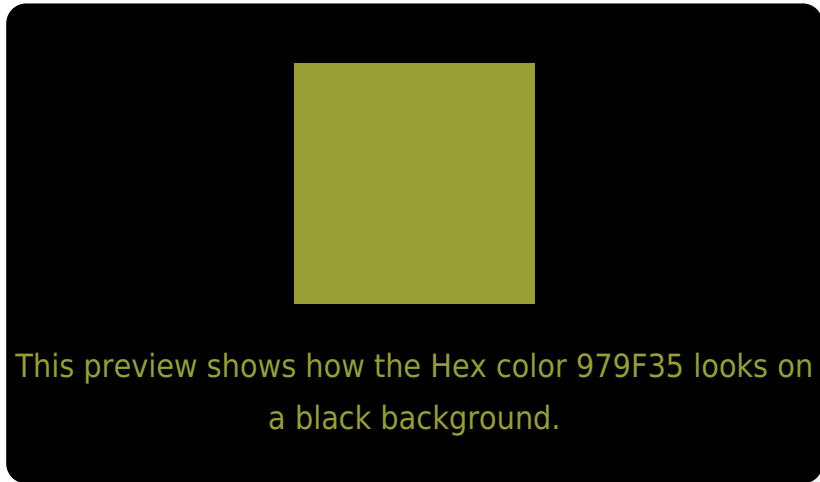
Large Text (above 18pt) WCAG AA × Fail

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 979F35 Background



This preview shows how black text looks on a background with the Hex color 979F35.

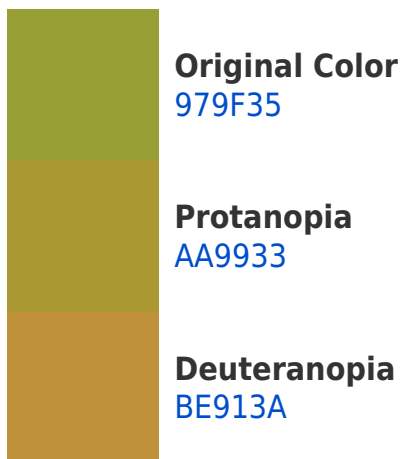


This preview shows how white text looks on a background with the Hex color 979F35.

# 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](#).

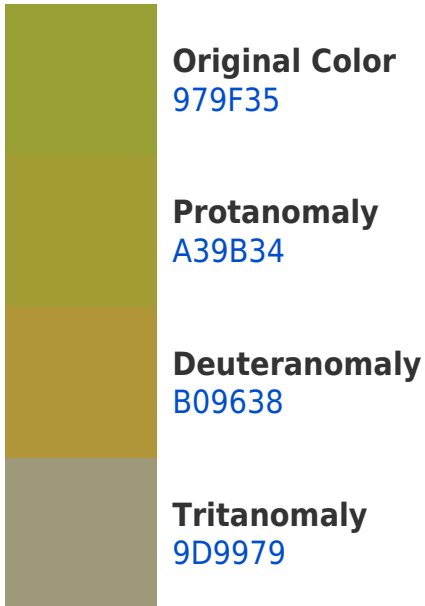
## Dichromacy





**Tritanopia**  
A195A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979F35 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 #979F35 looks like.

```
.text, #text, p{  
    color:#979F35  
}
```

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 #979F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979F35
}
```

## Border

The CSS property to change the border of an element to Hex 979F35 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
#979F35 }
```

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

```
.border{ border-color:#979F35 }
```

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

Here you see how a box with a 4 pixel #979F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979F35; -webkit-box-shadow:4px 4px  
4px 4px #979F35; box-shadow:4px 4px 4px  
4px #979F35 }
```

# Background

The CSS property to change the background color of an element to Hex 979F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979F35 }
```

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

```
.background{ background-color:#979F35 }
```

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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