

# Converting Colors

Hex(A1993F)

Have a look what the booklet for  
Hex(A1993F) contains.

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# Color

**Hex(A1993F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1993F
RGB	161, 153, 63
RGB Percent	63%, 60%, 25%
CMY	0.3686, 0.4000, 0.7529
CMYK	0.00, 0.05, 0.61, 0.37
HSL	55°, 44%, 44%
HSV	55°, 61%, 63%
XYZ	26.9864, 30.7184, 9.2095
YIQ	145.1320, 33.6580, -26.2940

# Conversions

## Conversions Part 2

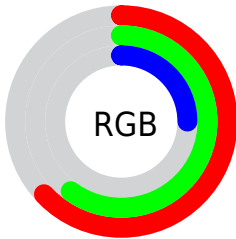
Format	Color
<a href="#">RYB</a>	<a href="#">72, 161, 63</a>
Decimal	<a href="#">10590527</a>
CIELab	<a href="#">62.27, -8.74, 47.15</a>
CIELCh	<a href="#">62, 47.958, 100.499</a>
Yxy	<a href="#">30.7184, 0.4033, 0.4591</a>
Android (android.graphics.Color)	<a href="#">4288780607 (0xFFFA1993F)</a>
YUV	<a href="#">145.1320, -40.4911, 13.9162</a>
Hunter-Lab	<a href="#">55.4242, -10.0796, 28.9450</a>

# Details

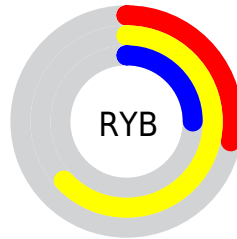
The Hex color **A1993F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3F47A1**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **DACF72**, and **6B6606** is the 20% darker color. If you saturate the color by 10%, you get **A1982F**, and if you desaturate by 10%, it is **A19A4F**.

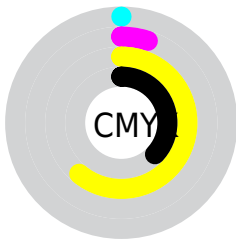
# Distribution



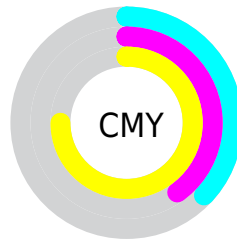
- Red (63%)
- Green (60%)
- Blue (25%)



- Red (28%)
- Yellow (63%)
- Blue (25%)



- Cyan (0%)
- Magenta (5%)
- Yellow (61%)
- Black (37%)



- Cyan (37%)
- Magenta (40%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1993F 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 A1993F by changing the saturation by 10% instead.





A1993F



A1993F

FFFFFFF



857F25



DACF72



6B6606



F7EB8D



514E00



FFFFA8



373800



FFFFC4



1F2300



FFFFE0



000E00

FFFFFFD



000000



A1993F



A1993F



A1982F



A19A4F

 A1961F

 A19C5F

 A1950F

 A19D6F

 A19400

 A19E7F

 A1A090

 A1A1A0

 A1A2B0

 A1A4C0

 A1A5D0

# Harmonies

## Analogous

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



C68A45



A1993F



73A453

# Triad

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



A1993F



00AACD



D677B4

# Complementary

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



A1993F



3F47A1

# 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.



AD85D8



A1993F



00A3E6

# Square

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



A1993F



00ACA5



6896EA



E67289

# Rectangle

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



A1993F



4BA86B



6896EA



CB7BC1



# Sweetspot

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



A1993F



D1CEAB



A13F47



696752



E8E8E8



696969



# Same Dimension

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



A1993F



D1C538



78A13F



525149



918500



121000



# Inverse Universe

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



3F47A1



3845D1



683FA1



494A52



000C91



000112



# Previews

## White Background



This preview shows how the Hex color A1993F looks on a white background.

## Color Contrast Check

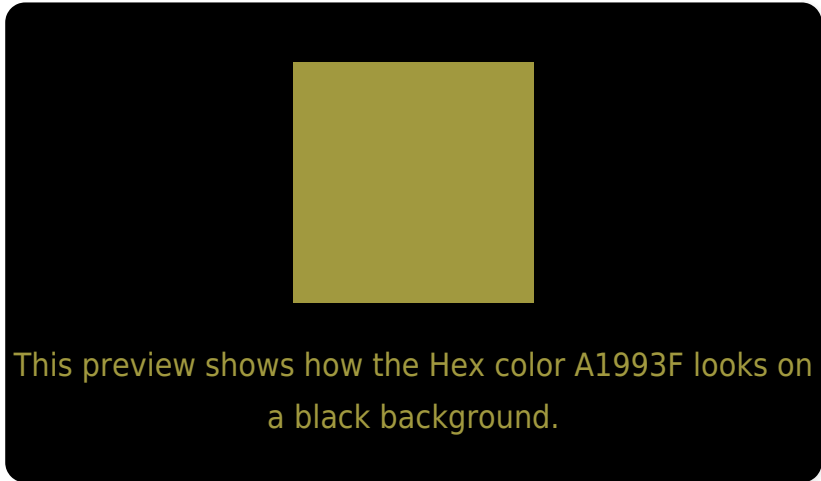
Large Text (above 18pt) WCAG AA × Fail

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

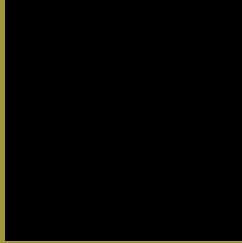
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A1993F Background



This preview shows how black text looks on a background with the Hex color A1993F.



This preview shows how white text looks on a background with the Hex color A1993F.

# 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**  
A1993F

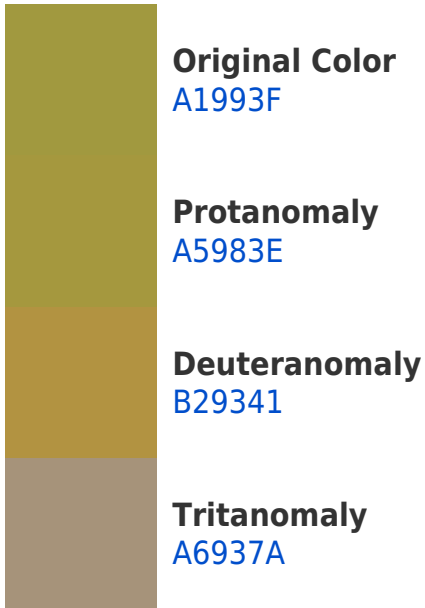
**Protanopia**  
A8973E

**Deuteranopia**  
BB8F42

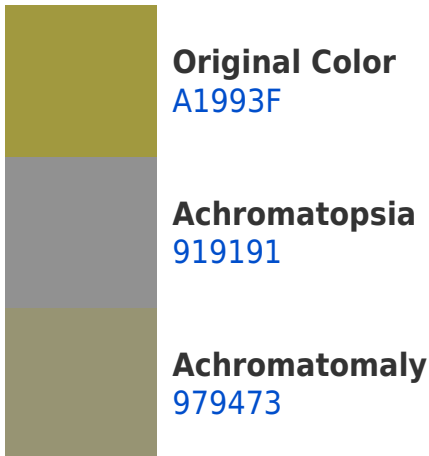


**Tritanopia**  
A9909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1993F 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 #A1993F looks like.

```
.text, #text, p{  
    color:#A1993F  
}
```

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 #A1993F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1993F
}
```

## Border

The CSS property to change the border of an element to Hex A1993F 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
#A1993F }
```

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

```
.border{ border-color:#A1993F }
```

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

Here you see how a box with a 4 pixel #A1993F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1993F; -webkit-box-shadow:4px 4px  
4px 4px #A1993F; box-shadow:4px 4px 4px  
4px #A1993F }
```

# Background

The CSS property to change the background color of an element to Hex A1993F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1993F }
```

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

```
.background{ background-color:#A1993F }
```

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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