

# Converting Colors

Hex(A1E01F)

Have a look what the booklet for  
Hex(A1E01F) contains.

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# Color

Hex(A1E01F)

# Conversions

## Conversions Part 1

Format	Color
Hex	A1E01F
RGB	161, 224, 31
RGB Percent	63%, 88%, 12%
CMY	0.3686, 0.1216, 0.8784
CMYK	0.28, 0.00, 0.86, 0.12
HSL	80°, 76%, 50%
HSV	80°, 86%, 88%
XYZ	41.6009, 60.9873, 10.8755
YIQ	183.1610, 24.4050, -73.3790

# Conversions

## Conversions Part 2

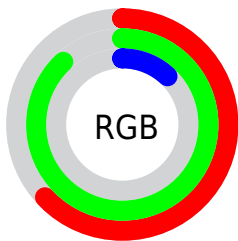
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 224, 94
Decimal	10608671
CIELab	82.37, -44.39, 76.81
CIELCh	82, 88.715, 120.023
Yxy	60.9873, 0.3666, 0.5375
Android (android.graphics.Color)	4288798751 (0xFFA1E01F)
YUV	183.1610, -75.0154, -19.4352
Hunter-Lab	78.0944, -41.5781, 46.4093

# Details

The Hex color **A1E01F** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **5E1FE0**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **DCFF62**, and **67A800** is the 20% darker color. If you saturate the color by 10%, you get **9AE009**, and if you desaturate by 10%, it is **A8E035**.

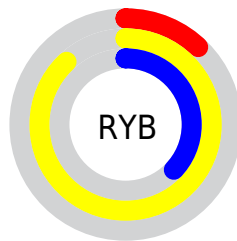
# Distribution



Red (63%)

Green (88%)

Blue (12%)



Red (12%)

Yellow (88%)

Blue (37%)

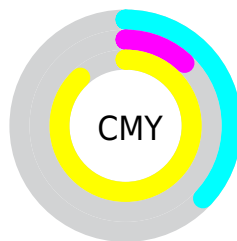


Cyan (28%)

Magenta (0%)

Yellow (86%)

Black (12%)



Cyan (37%)

Magenta (12%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1E01F 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 A1E01F by changing the saturation by 10% instead.



 A1E01F

 A1E01F

FFFFFF

 84C400

 DCFF62

 67A800

 FAFF7F

 498E00

 FFFF9C

 2A7400

 FFFFB9


 005B00

 FFFD7

 004200

 FFFFF5

 002C00

 000F00

 000000

 A1E01F

 A1E01F

 9AE009

 A8E035

 97E000

 B0E04C

 B7E062

 BEE079

 C6E08F

 CDE0A5

 D4E0BC

 DBE0D2

 E3E0E9

# Harmonies

## Analogous

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



F4C900



A1E01F



00ED74

# Triad

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



A1E01F



00EAFB



FF75D0

# Complementary

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



A1E01F



5E1FE0

# 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.



FF8FFF



A1E01F



00D7FF

# Square

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



A1E01F



00F2FF



C8B7FF



FF847F

# Rectangle

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



A1E01F



00F1AD



C8B7FF



FF7AEC

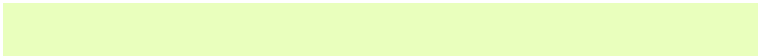


# Sweetspot

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



A1E01F



E9FFBD



E05C1F



738058



000000



808080



# Same Dimension

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



A1E01F



ACFF00



42E01F



6D7065



77B000



213000



# Inverse Universe

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



5E1FE0



5300FF



BD1FE0



696570



3900B0



100030



# Previews

## White Background



This preview shows how the Hex color A1E01F looks on a white background.

## Color Contrast Check

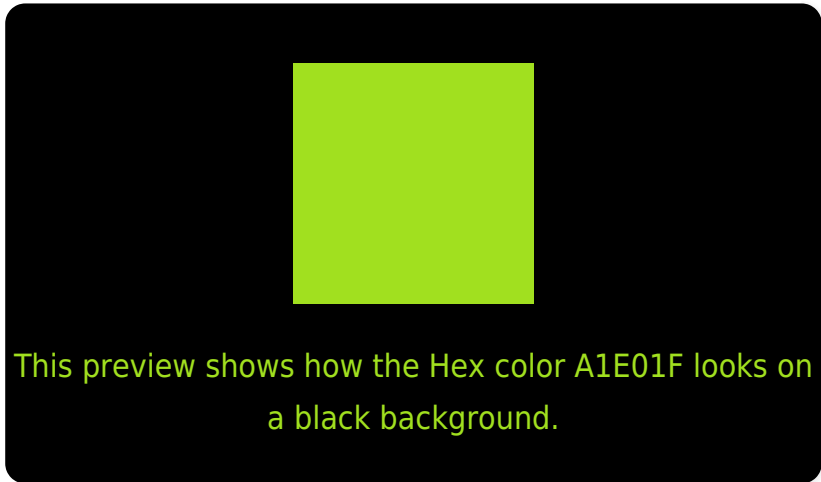
Large Text (above 18pt) WCAG AA × Fail

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 A1E01F Background



This preview shows how black text looks on a background with the Hex color A1E01F.

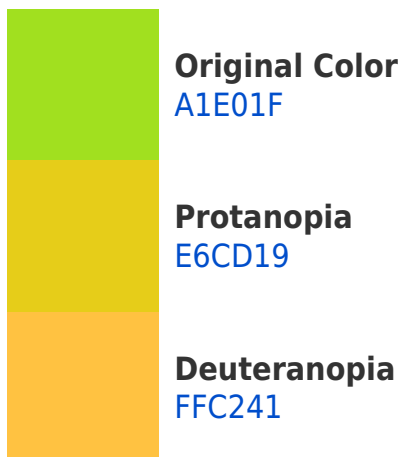


This preview shows how white text looks on a background with the Hex color A1E01F.

# 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](#).

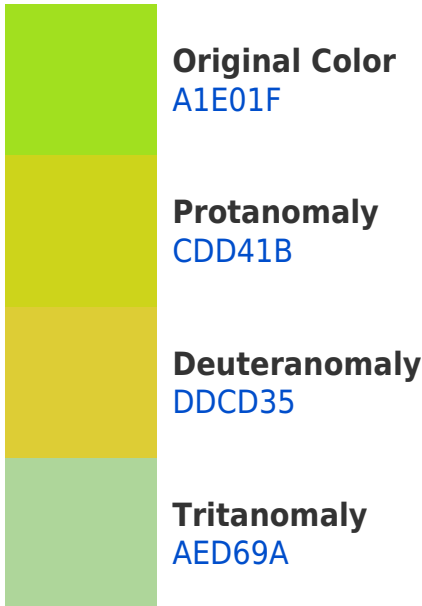
## Dichromacy





**Tritanopia**  
B6D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1E01F 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 #A1E01F looks like.

```
.text, #text, p{  
    color:#A1E01F  
}
```

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 #A1E01F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1E01F
}
```

## Border

The CSS property to change the border of an element to Hex A1E01F 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
#A1E01F }
```

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

```
.border{ border-color:#A1E01F }
```

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

Here you see how a box with a 4 pixel #A1E01F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1E01F; -webkit-box-shadow:4px 4px  
4px 4px #A1E01F; box-shadow:4px 4px 4px  
4px #A1E01F }
```

# Background

The CSS property to change the background color of an element to Hex A1E01F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1E01F }
```

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

```
.background{ background-color:#A1E01F }
```

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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