

Converting Colors

Hex(A6F61B)

Have a look what the booklet for
Hex(A6F61B) contains.

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Color

Hex(A6F61B)

Conversions

Conversions Part 1

Format	Color
Hex	A6F61B
RGB	166, 246, 27
RGB Percent	65%, 96%, 11%
CMY	0.3490, 0.0353, 0.8941
CMYK	0.33, 0.00, 0.89, 0.04
HSL	82°, 92%, 54%
HSV	82°, 89%, 96%
XYZ	48.8795, 74.0977, 12.7630
YIQ	197.1140, 22.6190, -85.0690

Conversions

Conversions Part 2

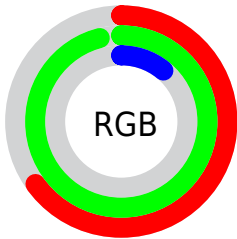
Format	Color
R_{YB}	27, 246, 107
Decimal	10941979
CIE _{Lab}	88.97, -51.86, 83.10
CIE _{LCh}	89, 97.956, 121.968
Yxy	74.0977, 0.3601, 0.5459
Android (android.graphics.Color)	4289132059 (0xFFA6F61B)
YUV	197.1140, -83.8662, -27.2870
Hunter-Lab	86.0800, -49.2809, 51.4651

Details

The Hex color **A6F61B** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **6B1BF6**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E2FF64**, and **6ABD00** is the 20% darker color. If you saturate the color by 10%, you get **9DF602**, and if you desaturate by 10%, it is **AFF634**.

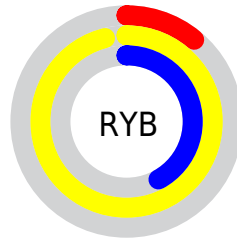
Distribution



Red (65%)

Green (96%)

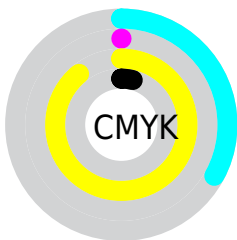
Blue (11%)



Red (11%)

Yellow (96%)

Blue (42%)

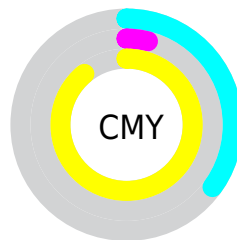


Cyan (33%)

Magenta (0%)

Yellow (89%)

Black (4%)



Cyan (35%)

Magenta (4%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6F61B 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 A6F61B by changing the saturation by 10% instead.

 A6F61B

 A6F61B

FFFFFF

 88D900

 E2FF64

 6ABD00

 FFFF82

 4BA200

 FFFFA0

 298700

 FFFFBD

 006D00

 FFFFDB

 005400

 FFFFF9

 003B00

 002500

 000000

 A6F61B

 A6F61B

 9DF602

 AFF634

 9CF600

 B8F64C

 C1F665

 CAF67D

 D3F696

 DCF6AF

 E5F6C7

 EE6E0

 F7F6F8

Harmonies

Analogous

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



FFDD00



A6F61B



00FF82

Triad

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



A6F61B



00FFFF



FF7ADD

Complementary

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



A6F61B



6B1BF6

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.



FF96FF



A6F61B



00E9FF

Square

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



A6F61B



00FFFF



E3C4FF



FF8E82

Rectangle

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



A6F61B



00FFC2



E3C4FF



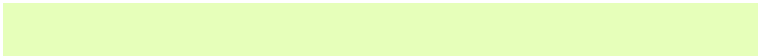
FF7EFD

Sweetspot

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



A6F61B



E6FFBA



F6681B



718057



000000



808080

Same Dimension

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



A6F61B



A2FF00



3CF61B



767A6E



76BA00



253B00

Inverse Universe

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



6B1BF6



5D00FF



D51BF6



736E7A



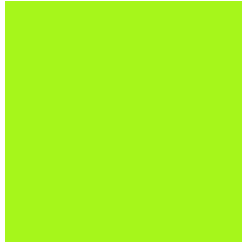
4400BA



15003B

Previews

White Background



This preview shows how the Hex color A6F61B looks on a white background.

Color Contrast Check

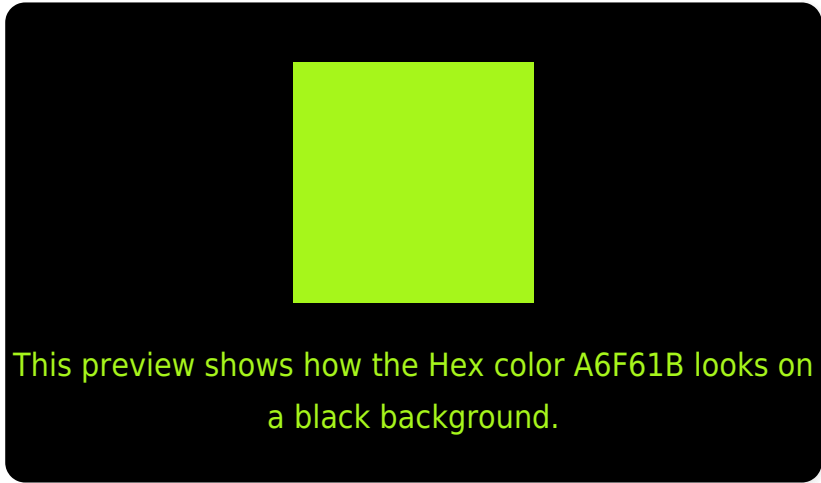
Large Text (above 18pt) WCAG AA × Fail

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 A6F61B Background



This preview shows how black text looks on a background with the Hex color A6F61B.



This preview shows how white text looks on a background with the Hex color A6F61B.

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](#).

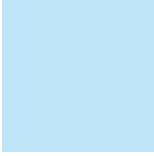
Dichromacy



Original Color
A6F61B

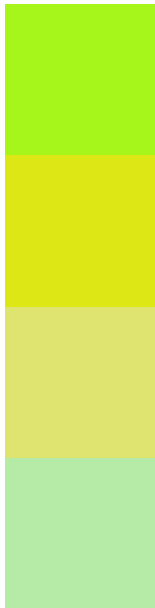
Protanopia
FBDF12

Deuteranopia
FFD8A0



Tritanopia
BEE5F7

Trichromacy



Original Color
A6F61B

Protanomaly
DCE715

Deuteranomaly
DFE370

Tritanomaly
B5EBA7

Monochromacy



Original Color
A6F61B

Achromatopsia
C5C5C5

Achromatomaly
BAD787

CSS Examples

Text

The CSS property to change the color of the text to Hex A6F61B 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 #A6F61B looks like.

```
.text, #text, p{  
    color:#A6F61B  
}
```

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 #A6F61B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6F61B
}
```

Border

The CSS property to change the border of an element to Hex A6F61B 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
#A6F61B }
```

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

```
.border{ border-color:#A6F61B }
```

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

Here you see how a box with a 4 pixel #A6F61B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6F61B; -webkit-box-shadow:4px 4px  
4px 4px #A6F61B; box-shadow:4px 4px 4px  
4px #A6F61B }
```

Background

The CSS property to change the background color of an element to Hex A6F61B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6F61B }
```

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

```
.background{ background-color:#A6F61B }
```

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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