

Converting Colors

Hex(A6F22B)

Have a look what the booklet for
Hex(A6F22B) contains.

| | |
|--|----|
| Hex(A6F22B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(A6F22B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A6F22B |
| RGB | 166, 242, 43 |
| RGB Percent | 65%, 95%, 17% |
| CMY | 0.3490, 0.0510, 0.8314 |
| CMYK | 0.31, 0.00, 0.82, 0.05 |
| HSL | 83°, 88%, 56% |
| HSV | 83°, 82%, 95% |
| XYZ | 47.9141, 71.7857, 13.6162 |
| YIQ | 196.5900, 18.5830, -78.0010 |

Conversions

Conversions Part 2

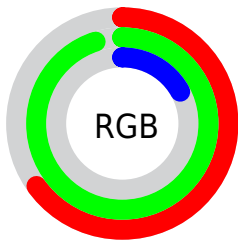
| Format | Color |
|-------------------------------------|--|
| RYB | 43, 242, 119 |
| Decimal | 10940971 |
| CIELab | 87.87, -49.76, 79.06 |
| CIELCh | 88, 93.420, 122.185 |
| Yxy | 71.7857, 0.3594, 0.5385 |
| Android (android.graphics.Color) | 4289131051 (0xFFA6F22B) |
| YUV | 196.5900, -75.7199, -26.8274 |
| Hunter-Lab | 84.7264, -47.3268, 49.7801 |

Details

The Hex color **A6F22B** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **772BF2**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **E2FF6C**, and **6BB900** is the 20% darker color. If you saturate the color by 10%, you get **9DF213**, and if you desaturate by 10%, it is **AFF243**.

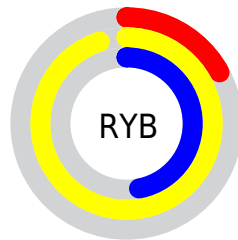
Distribution



Red (65%)

Green (95%)

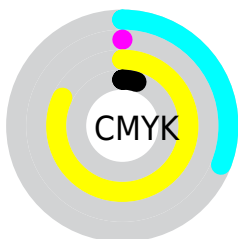
Blue (17%)



Red (17%)

Yellow (95%)

Blue (47%)

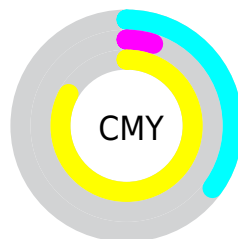


Cyan (31%)

Magenta (0%)

Yellow (82%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6F22B 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 A6F22B by changing the saturation by 10% instead.

 A6F22B

 A6F22B

FFFFFF

 88D500

 E2FF6C

 6BB900

 FFFF89

 4C9E00

 FFFFA6

 2C8300

 FFFF84

 006A00

 FFFFE1

 005100

 003900

 002200

 000000

 A6F22B

 A6F22B

 9DF213

 AFF243

 96F200

 B8F25B

 C2F274

 CBF28C

 D4F2A4

 DDF2BC

 E7F2D4

 F0F2ED

 F9F2FF

Harmonies

Analogous

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



FFDA00



A6F22B



00FF84

Triad

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



A6F22B



00FBFF



FF7EDA

Complementary

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



A6F22B



772BF2

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.



FF97FF



A6F22B



00E5FF

Square

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



A6F22B



00FFFF



E2C2FF



FF9183

Rectangle

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



A6F22B



00FFC1



E2C2FF



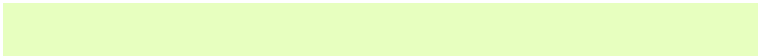
FF82F8

Sweetspot

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



A6F22B



E7FFBF



F2742B



718059



000000



808080

Same Dimension

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



A6F22B



9FFF03



46F22B



73786C



71B800



233800

Inverse Universe

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



772BF2



6303FF



D72BF2



706C78



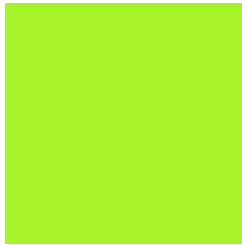
4600B8



150038

Previews

White Background



This preview shows how the Hex color A6F22B looks on a white background.

Color Contrast Check

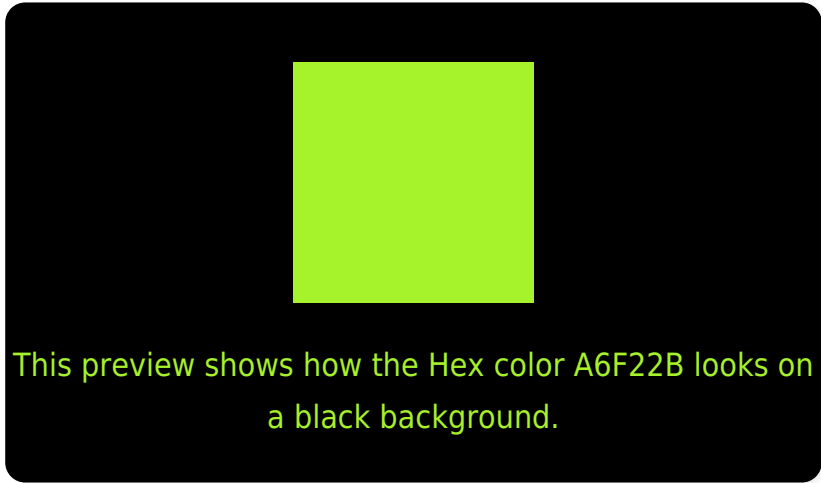
Large Text (above 18pt) WCAG AA × Fail

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 A6F22B Background



This preview shows how black text looks on a background with the Hex color A6F22B.

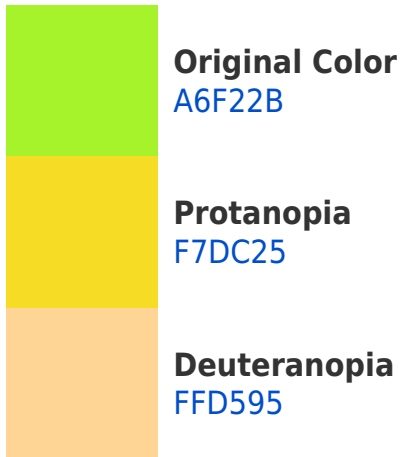


This preview shows how white text looks on a background with the Hex color A6F22B.

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](#).

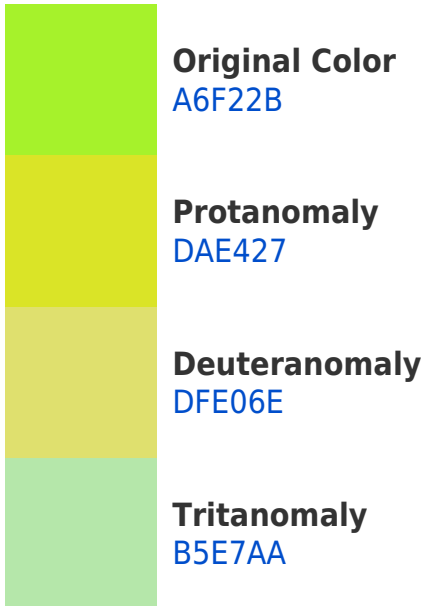
Dichromacy



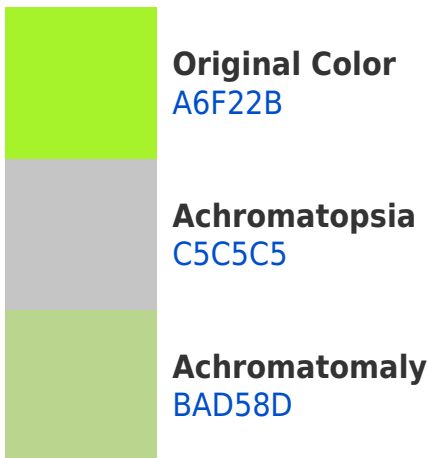


Tritanopia
BDE1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6F22B 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 #A6F22B looks like.

```
.text, #text, p{  
    color:#A6F22B  
}
```

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 #A6F22B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6F22B
}
```

Border

The CSS property to change the border of an element to Hex A6F22B 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
#A6F22B }
```

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

```
.border{ border-color:#A6F22B }
```

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

Here you see how a box with a 4 pixel #A6F22B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6F22B; -webkit-box-shadow:4px 4px  
4px 4px #A6F22B; box-shadow:4px 4px 4px  
4px #A6F22B }
```

Background

The CSS property to change the background color of an element to Hex A6F22B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6F22B }
```

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

```
.background{ background-color:#A6F22B }
```

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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