

Converting Colors

Hex(A6D726)

Have a look what the booklet for
Hex(A6D726) contains.

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Color

Hex(A6D726)

Conversions

Conversions Part 1

Format	Color
Hex	A6D726
RGB	166, 215, 38
RGB Percent	65%, 84%, 15%
CMY	0.3490, 0.1569, 0.8510
CMYK	0.23, 0.00, 0.82, 0.16
HSL	77°, 70%, 50%
HSV	77°, 82%, 84%
XYZ	40.3762, 56.8478, 10.6784
YIQ	180.1710, 27.6130, -65.4350

Conversions

Conversions Part 2

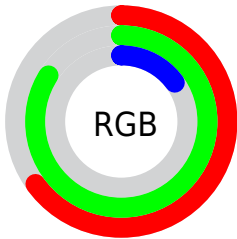
Format	Color
RYB	38, 215, 87
Decimal	10934054
CIELab	80.09, -38.33, 73.45
CIELCh	80, 82.849, 117.560
Yxy	56.8478, 0.3742, 0.5268
Android (android.graphics.Color)	4289124134 (0xFFA6D726)
YUV	180.1710, -70.0903, -12.4280
Hunter-Lab	75.3975, -36.3569, 44.3811

Details

The Hex color **A6D726** 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 **5726D7**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E1FF65**, and **6DA000** is the 20% darker color. If you saturate the color by 10%, you get **A0D711**, and if you desaturate by 10%, it is **ACD73C**.

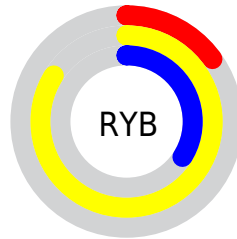
Distribution



Red (65%)

Green (84%)

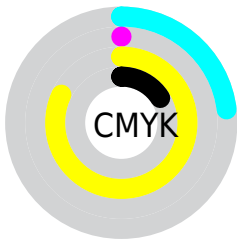
Blue (15%)



Red (15%)

Yellow (84%)

Blue (34%)

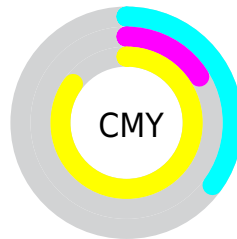


Cyan (23%)

Magenta (0%)

Yellow (82%)

Black (16%)



Cyan (35%)

Magenta (16%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6D726 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 A6D726 by changing the saturation by 10% instead.

 A6D726

 A6D726

FFFFFF

 89BB00

 E1FF65

 6DA000

 FFFF82

 508600

 FFFF9E

 336C00

 FFFFBB

 105300

 FFFFD8

 003C00

 FFFFF6

 002700

 000100

 000000

 A6D726

 A6D726

 A0D711

 ACD73C

 9BD700

 B2D751

 B8D767

 BED77C

 C4D792

 CAD7A7

 D0D7BD

 D6D7D2

 DCD7E8

Harmonies

Analogous

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



F1C100



A6D726



1BE46F

Triad

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



A6D726



00E3FF



FF78D0

Complementary

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



A6D726



5726D7

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.



FF91FF



A6D726



00D2FF

Square

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



A6D726



00EAFF



B8B5FF



FF8284

Rectangle

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



A6D726



00E9A3



B8B5FF



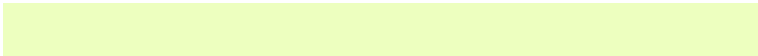
FF7EEA

Sweetspot

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



A6D726



EDFFBF



D75526



758059



000000



808080

Same Dimension

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



A6D726



B9FF03



4FD726



686B60



7CAB00



1F2B00

Inverse Universe

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



5726D7



4803FF



AE26D7



63606B



2F00AB



0C002B

Previews

White Background



This preview shows how the Hex color A6D726 looks on a white background.

Color Contrast Check

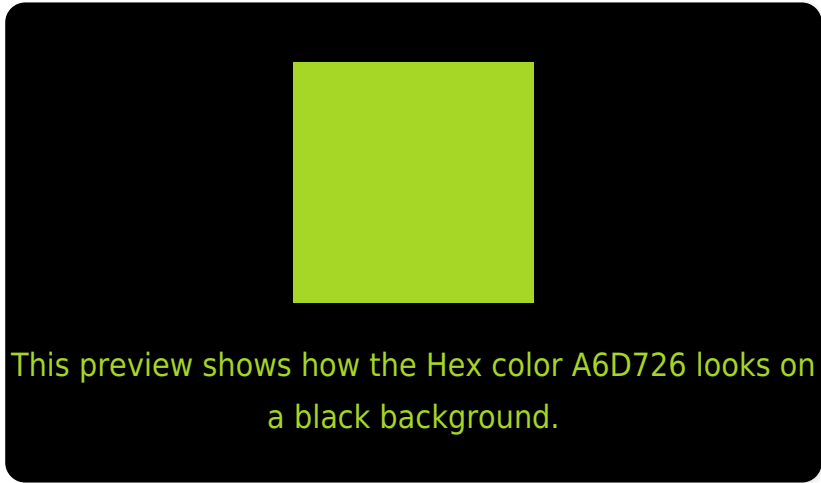
Large Text (above 18pt) WCAG AA × Fail

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 A6D726 Background



This preview shows how black text looks on a background with the Hex color A6D726.

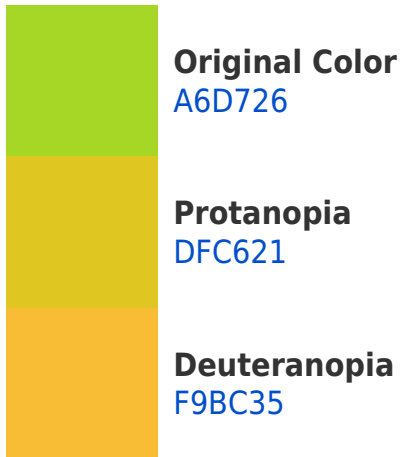


This preview shows how white text looks on a background with the Hex color A6D726.

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
B8C8D8

Trichromacy



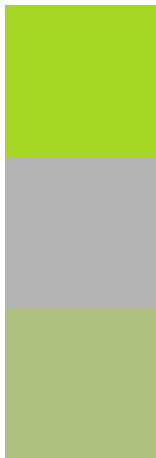
Original Color
A6D726

Protanomaly
CACC23

Deuteranomaly
DBC630

Tritanomaly
B1CD97

Monochromacy



Original Color
A6D726

Achromatopsia
B4B4B4

Achromatomaly
AFC180

CSS Examples

Text

The CSS property to change the color of the text to Hex A6D726 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 #A6D726 looks like.

```
.text, #text, p{  
    color:#A6D726  
}
```

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 #A6D726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D726
}
```

Border

The CSS property to change the border of an element to Hex A6D726 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
#A6D726 }
```

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

```
.border{ border-color:#A6D726 }
```

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

Here you see how a box with a 4 pixel #A6D726 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D726; -webkit-box-shadow:4px 4px  
4px 4px #A6D726; box-shadow:4px 4px 4px  
4px #A6D726 }
```

Background

The CSS property to change the background color of an element to Hex A6D726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D726 }
```

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

```
.background{ background-color:#A6D726 }
```

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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