

Converting Colors

Hex(A4D066)

Have a look what the booklet for
Hex(A4D066) contains.

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Color

Hex(A4D066)

Conversions

Conversions Part 1

Format	Color
Hex	A4D066
RGB	164, 208, 102
RGB Percent	64%, 82%, 40%
CMY	0.3569, 0.1843, 0.6000
CMYK	0.21, 0.00, 0.51, 0.18
HSL	85°, 53%, 61%
HSV	85°, 51%, 82%
XYZ	40.2640, 53.9636, 20.8642
YIQ	182.7600, 7.8020, -42.2940

Conversions

Conversions Part 2

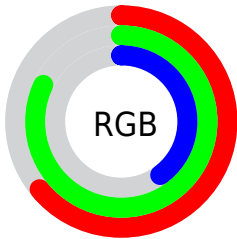
Format	Color
RYB	102, 208, 146
Decimal	10801254
CIELab	78.44, -31.55, 47.52
CIELCh	78, 57.046, 123.582
Yxy	53.9636, 0.3498, 0.4689
Android (android.graphics.Color)	4288991334 (0xFFA4D066)
YUV	182.7600, -39.8147, -16.4525
Hunter-Lab	73.4599, -30.7175, 34.5823

Details

The Hex color **A4D066** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9266D0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D9FF9B**, and **6E9932** is the 20% darker color. If you saturate the color by 10%, you get **9BD051**, and if you desaturate by 10%, it is **ADD07B**.

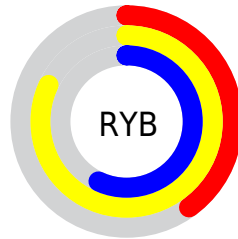
Distribution



Red (64%)

Green (82%)

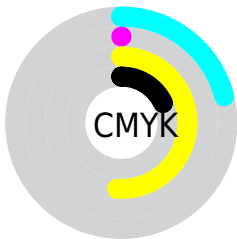
Blue (40%)



Red (40%)

Yellow (82%)

Blue (57%)

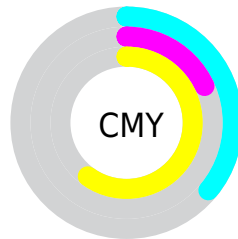


Cyan (21%)

Magenta (0%)

Yellow (51%)

Black (18%)



Cyan (36%)

Magenta (18%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4D066 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 A4D066 by changing the saturation by 10% instead.

 A4D066

 A4D066

FFFFFF

 88B44C

 DDF99B

 6E9932

 FAFFB7

 537F17

 FFFFD3

 396600

 FFFFF0

 1F4E00

 003600

 002300

 000000

 A4D066

 A4D066

 9BD051

 ADD07B

 93D03C

 B5D090

 8AD028

 BED0A4

 81D013

 C7D0B9

 7AD000

 CFD0CE

 D8D0E3

 E0D0F8

 E9D0FF

 F2D0FF

Harmonies

Analogous

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



DBC154



A4D066



5CD991

Triad

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



A4D066



00D4FF



FF95BE

Complementary

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



A4D066



9266D0

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.



FF9EF2



A4D066



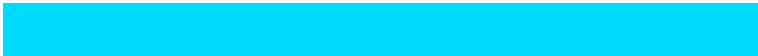
6EC6FF

Square

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



A4D066



00DBFB



CEB2FF



FF9C8A

Rectangle

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



A4D066



00DCB4



CEB2FF



FF96D0

Sweetspot

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



A4D066



EFFFD9



D09066



768069



000000



808080

Same Dimension

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



A4D066



BEFF63



71D066



64695E



62A800



182900

Inverse Universe

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



9266D0



A463FF



C566D0



625E69



4600A8



110029

Previews

White Background



This preview shows how the Hex color A4D066 looks on a white background.

Color Contrast Check

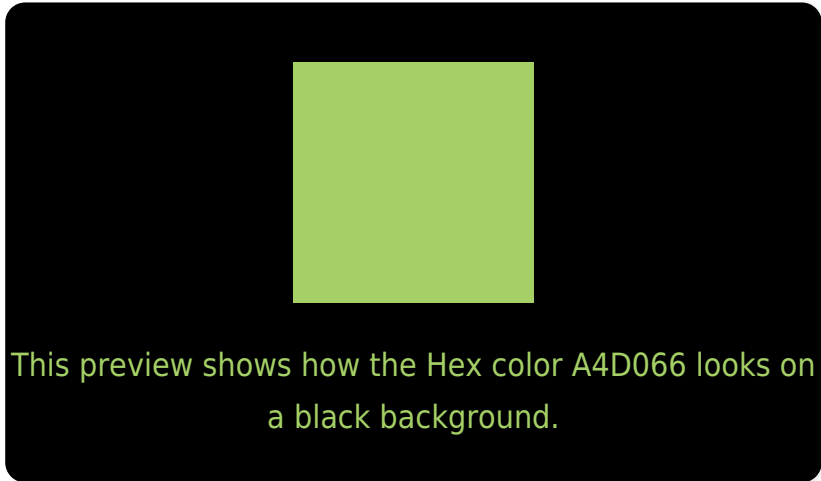
Large Text (above 18pt) WCAG AA × Fail

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 A4D066 Background



This preview shows how black text looks on a background with the Hex color A4D066.

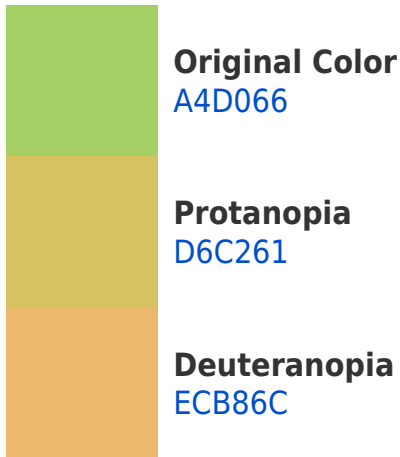


This preview shows how white text looks on a background with the Hex color A4D066.

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
B3C4D4

Trichromacy



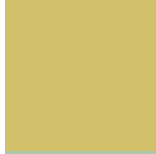
Original Color

A4D066



Protanomaly

C4C763



Deuteranomaly

D2C16A



Tritanomaly

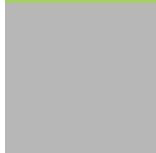
AEC8AC

Monochromacy



Original Color

A4D066



Achromatopsia

B7B7B7



Achromatomaly

B0C09A

CSS Examples

Text

The CSS property to change the color of the text to Hex A4D066 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 #A4D066 looks like.

```
.text, #text, p{  
    color:#A4D066  
}
```

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 #A4D066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4D066
}
```

Border

The CSS property to change the border of an element to Hex A4D066 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
#A4D066 }
```

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

```
.border{ border-color:#A4D066 }
```

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

Here you see how a box with a 4 pixel #A4D066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4D066; -webkit-box-shadow:4px 4px  
4px 4px #A4D066; box-shadow:4px 4px 4px  
4px #A4D066 }
```

Background

The CSS property to change the background color of an element to Hex A4D066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4D066 }
```

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

```
.background{ background-color:#A4D066 }
```

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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