

Converting Colors

Hex(A2D005)

Have a look what the booklet for
Hex(A2D005) contains.

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Color

Hex(A2D005)

Conversions

Conversions Part 1

Format	Color
Hex	A2D005
RGB	162, 208, 5
RGB Percent	64%, 82%, 2%
CMY	0.3647, 0.1843, 0.9804
CMYK	0.22, 0.00, 0.98, 0.18
HSL	74°, 95%, 42%
HSV	74°, 98%, 82%
XYZ	37.4836, 52.8041, 8.3602
YIQ	171.1040, 37.7470, -72.8850

Conversions

Conversions Part 2

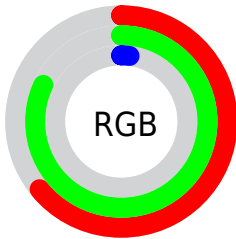
Format	Color
RYB	5, 208, 51
Decimal	10670085
CIELab	77.76, -37.47, 76.65
CIELCh	78, 85.316, 116.051
Yxy	52.8041, 0.3800, 0.5353
Android (android.graphics.Color)	4288860165 (0xFFA2D005)
YUV	171.1040, -81.8893, -7.9842
Hunter-Lab	72.6664, -35.0905, 44.0452

Details

The Hex color **A2D005** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **3305D0**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **DFFF56**, and **689900** is the 20% darker color. If you saturate the color by 10%, you get **A1D000**, and if you desaturate by 10%, it is **A7D01A**.

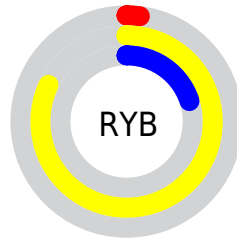
Distribution



Red (64%)

Green (82%)

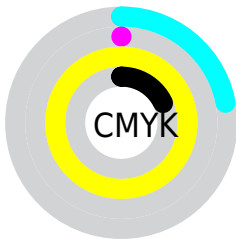
Blue (2%)



Red (2%)

Yellow (82%)

Blue (20%)

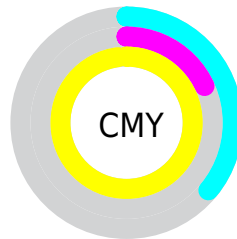


Cyan (22%)

Magenta (0%)

Yellow (98%)

Black (18%)



Cyan (36%)

Magenta (18%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2D005 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 A2D005 by changing the saturation by 10% instead.

 A2D005

 A2D005

FFFFFF

 85B400

 DDF56

 689900

 FBFF73

 4C7F00

 FFFF90

 2E6600

 FFFFAD

 084E00

 FFFCA

 003600

 FFFFE8

 002200

 000000

 A2D005

 A2D005

■ A1D000

■ A7D01A

■ ABD02F

■ B0D043

■ B5D058

■ BAD06D

■ BED082

■ C3D097

■ C8D0AB

■ CCD0C0

Harmonies

Analogous

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



EEB900



A2D005



02DD62

Triad

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



A2D005



00DEFF



FF6DCE

Complementary

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



A2D005



3305D0

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.



FF8AFF



A2D005



00CDFF

Square

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



A2D005



00E4FF



A8B0FF



FF7680

Rectangle

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



A2D005



00E297



A8B0FF



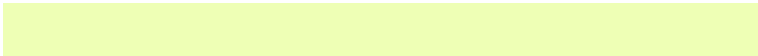
FF74E9

Sweetspot

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



A2D005



EEFFB5



D03105



758053



000000



808080

Same Dimension

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



A2D005



C5FF00



3FD005



66695E



82A800



202900

Inverse Universe

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



3305D0



3A00FF



9605D0



605E69



2600A8



090029

Previews

White Background



This preview shows how the Hex color A2D005 looks on a white background.

Color Contrast Check

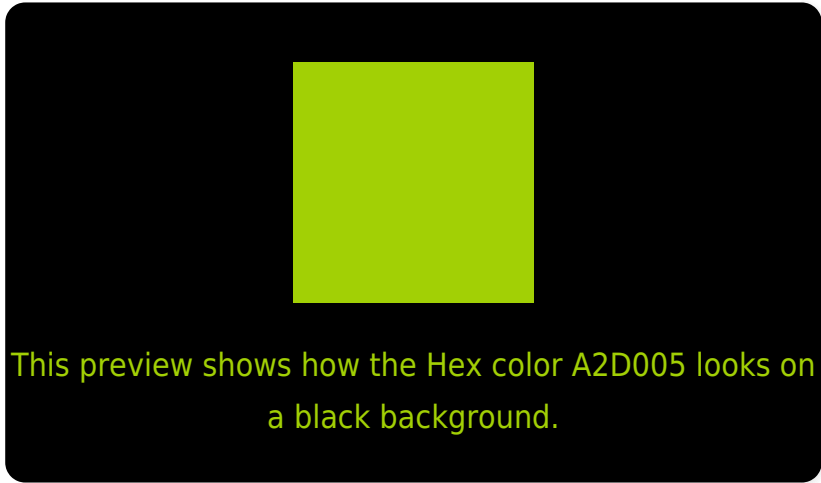
Large Text (above 18pt) WCAG AA × Fail

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 A2D005 Background



This preview shows how black text looks on a background with the Hex color A2D005.

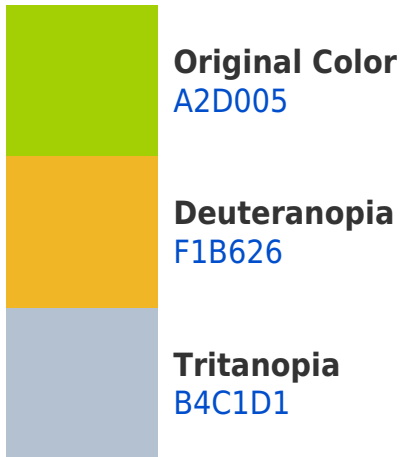


This preview shows how white text looks on a background with the Hex color A2D005.

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](#).

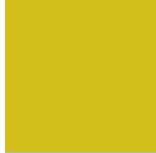
Dichromacy



Trichromacy



Original Color
A2D005



Deuteranomaly
D4BF1A

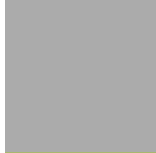


Tritanomaly
ADC687

Monochromacy



Original Color
A2D005



Achromatopsia
ABABAB



Achromatomaly
A8B86F

CSS Examples

Text

The CSS property to change the color of the text to Hex A2D005 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 #A2D005 looks like.

```
.text, #text, p{  
    color:#A2D005  
}
```

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 #A2D005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2D005
}
```

Border

The CSS property to change the border of an element to Hex A2D005 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
#A2D005 }
```

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

```
.border{ border-color:#A2D005 }
```

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

Here you see how a box with a 4 pixel #A2D005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2D005; -webkit-box-shadow:4px 4px  
4px 4px #A2D005; box-shadow:4px 4px 4px  
4px #A2D005 }
```

Background

The CSS property to change the background color of an element to Hex A2D005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2D005 }
```

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

```
.background{ background-color:#A2D005 }
```

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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