

Converting Colors

Hex(A6DE05)

Have a look what the booklet for
Hex(A6DE05) contains.

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Color

Hex(A6DE05)

Conversions

Conversions Part 1

Format	Color
Hex	A6DE05
RGB	166, 222, 5
RGB Percent	65%, 87%, 2%
CMY	0.3490, 0.1294, 0.9804
CMYK	0.25, 0.00, 0.98, 0.13
HSL	75°, 96%, 45%
HSV	75°, 98%, 87%
XYZ	41.8746, 60.3605, 9.5873
YIQ	180.5180, 36.2810, -79.3590

Conversions

Conversions Part 2

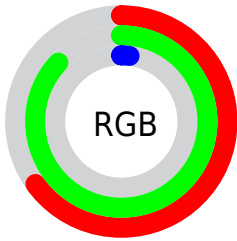
Format	Color
RYB	5, 222, 61
Decimal	10935813
CIELab	82.03, -42.10, 80.05
CIElCh	82, 90.443, 117.742
Yxy	60.3605, 0.3745, 0.5398
Android (android.graphics.Color)	4289125893 (0xFFA6DE05)
YUV	180.5180, -86.5304, -12.7323
Hunter-Lab	77.6920, -39.7529, 47.0679

Details

The Hex color **A6DE05** 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 **3D05DE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E2FF59**, and **6CA700** is the 20% darker color. If you saturate the color by 10%, you get **A5DE00**, and if you desaturate by 10%, it is **ACDE1B**.

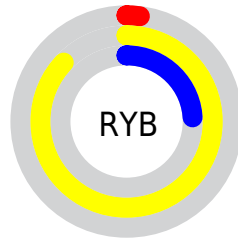
Distribution



Red (65%)

Green (87%)

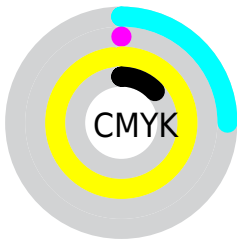
Blue (2%)



Red (2%)

Yellow (87%)

Blue (24%)

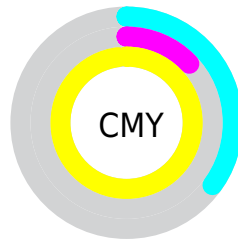


Cyan (25%)

Magenta (0%)

Yellow (98%)

Black (13%)



Cyan (35%)

Magenta (13%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6DE05 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 A6DE05 by changing the saturation by 10% instead.

 A6DE05

 A6DE05

FFFFFF

 89C200

 E2FF59

 6CA700

 FFFF76

 4E8C00

 FFFF94

 307200

 FFFFB1

 055900

 FFFFCE

 004100

 FFFFEC

 002B00

 000E00

 000000

 A6DE05

 A6DE05

 A5DE00

 ACDE1B

 B1DE31

 B7DE48

 BDDE5E

 C3DE74

 C8DE8A

 CEDEA0

 D4DEB7

 DADECD

Harmonies

Analogous

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



F9C600



A6DE05



00EC6B

Triad

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



A6DE05



00EBFF



FF72D6

Complementary

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



A6DE05



3D05DE

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.



FF8FFF



A6DE05



00D8FF

Square

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



A6DE05



00F2FF



BBB8FF



FF7E82

Rectangle

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



A6DE05



00F1A5



BBB8FF



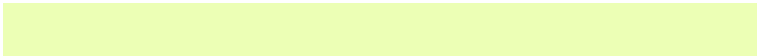
FF78F3

Sweetspot

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



A6DE05



ECFFB5



DE3B05



748053



000000



808080

Same Dimension

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



A6DE05



BDFF00



3BDE05



6D7065



83B000



243000

Inverse Universe

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



3D05DE



4200FF



A805DE



686570



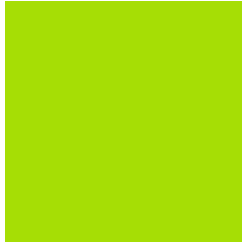
2D00B0



0D0030

Previews

White Background



This preview shows how the Hex color A6DE05 looks on a white background.

Color Contrast Check

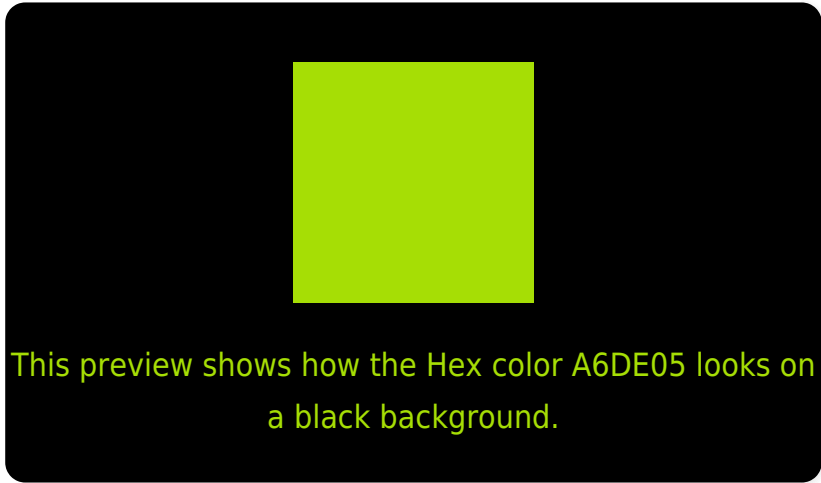
Large Text (above 18pt) WCAG AA × Fail

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 A6DE05 Background



This preview shows how black text looks on a background with the Hex color A6DE05.

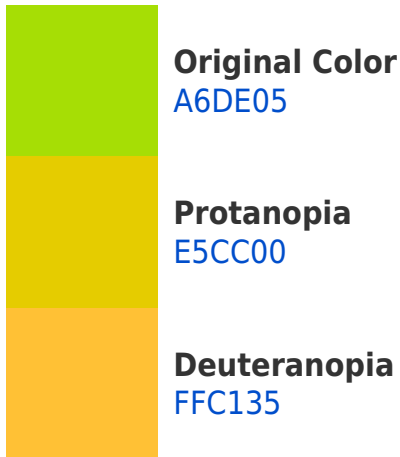


This preview shows how white text looks on a background with the Hex color A6DE05.

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](#).

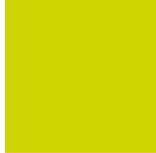
Dichromacy



Trichromacy



Original Color
A6DE05



Protanomaly
CED302



Deuteranomaly
DFCC24

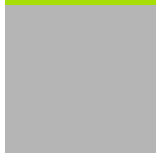


Tritanomaly
B3D490

Monochromacy



Original Color
A6DE05



Achromatopsia
B5B5B5



Achromatomaly
B0C475

CSS Examples

Text

The CSS property to change the color of the text to Hex A6DE05 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 #A6DE05 looks like.

```
.text, #text, p{  
    color:#A6DE05  
}
```

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 #A6DE05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6DE05
}
```

Border

The CSS property to change the border of an element to Hex A6DE05 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
#A6DE05 }
```

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

```
.border{ border-color:#A6DE05 }
```

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

Here you see how a box with a 4 pixel #A6DE05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6DE05; -webkit-box-shadow:4px 4px  
4px 4px #A6DE05; box-shadow:4px 4px 4px  
4px #A6DE05 }
```

Background

The CSS property to change the background color of an element to Hex A6DE05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6DE05 }
```

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

```
.background{ background-color:#A6DE05 }
```

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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