

# Converting Colors

Hex(6ADE17)

Have a look what the booklet for  
Hex(6ADE17) contains.

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**Color**

**Hex(6ADE17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ADE17
RGB	106, 222, 23
RGB Percent	42%, 87%, 9%
CMY	0.5843, 0.1294, 0.9098
CMYK	0.52, 0.00, 0.90, 0.13
HSL	95°, 81%, 48%
HSV	95°, 90%, 87%
XYZ	32.2198, 55.3686, 9.7997
YIQ	164.6300, -5.2570, -86.4810

# Conversions

## Conversions Part 2

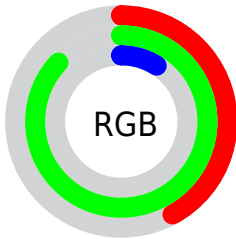
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 222, 139
Decimal	7003671
CIE Lab	79.25, -61.94, 74.60
CIE LCh	79, 96.965, 129.704
Yxy	55.3686, 0.3308, 0.5685
Android (android.graphics.Color)	4285193751 (0xFF6ADE17)
YUV	164.6300, -69.8236, -51.4185
Hunter-Lab	74.4101, -52.9266, 44.2787

# Details

The Hex color **6ADE17** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **8B17DE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A7FF5D**, and **20A600** is the 20% darker color. If you saturate the color by 10%, you get **5DDE01**, and if you desaturate by 10%, it is **77DE2D**.

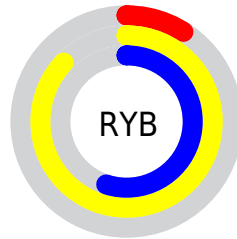
# Distribution



Red (42%)

Green (87%)

Blue (9%)



Red (9%)

Yellow (87%)

Blue (55%)

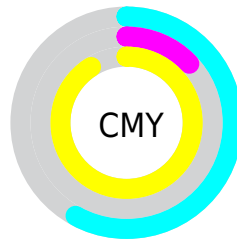


Cyan (52%)

Magenta (0%)

Yellow (90%)

Black (13%)



Cyan (58%)

Magenta (13%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ADE17 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 6ADE17 by changing the saturation by 10% instead.



 6ADE17

 6ADE17

FFFFFF

 49C200

 A7FF5D

 20A600

 C6FF7A

 008B00

 E4FF97

 007000

 FFFFB4

 005600

 FFFFD2

 003E00

 FFFFEE

 002600

 000000

 6ADE17

 6ADE17

 5DDE01

 77DE2D

 5DDE00

 84DE43

 91DE5A

 9EDE70

 ABDE86

 B8DE9C

 C5DEB2

 D2DEC9

 DEDEDF

# Harmonies

## Analogous

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



D1CA00



6ADE17



00E881

# Triad

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



6ADE17



00DFFF



FF5AAB

# Complementary

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



6ADE17



8B17DE

# 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.



FF6DFF



6ADE17



00C6FF

# Square

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



6ADE17



00EAF7



EA9DF7



FF7C54

# Rectangle

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



6ADE17



00ECC1



EA9DFF



FF59C9

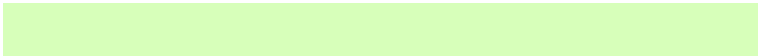


# Sweetspot

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



6ADE17



D7FFBA



DE8817



688057



000000



808080



# Same Dimension

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



6ADE17



6AFF00



17DE24



6A7065



49B000



143000



# Inverse Universe

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



8B17DE



9500FF



DE17D1



6C6570



6700B0

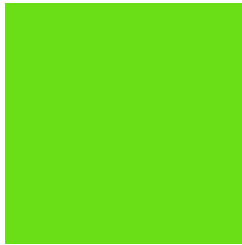


1C0030



# Previews

## White Background



This preview shows how the Hex color 6ADE17 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



This preview shows how the Hex color 6ADE17 looks on a 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 6ADE17 Background



This preview shows how black text looks on a background with the Hex color 6ADE17.

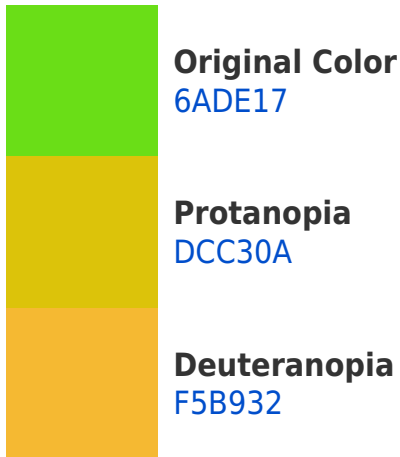


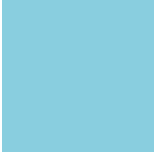
This preview shows how white text looks on a background with the Hex color 6ADE17.

# 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**  
89CEDF

# Trichromacy



**Original Color**  
6ADE17



**Protanomaly**  
B3CD0F



**Deuteranomaly**  
C2C628

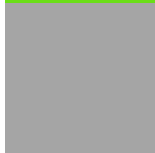


**Tritanomaly**  
7ED496

# Monochromacy



**Original Color**  
6ADE17



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
90BA71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ADE17 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 #6ADE17 looks like.

```
.text, #text, p{  
    color:#6ADE17  
}
```

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 #6ADE17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ADE17
}
```

## Border

The CSS property to change the border of an element to Hex 6ADE17 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
#6ADE17 }
```

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

```
.border{ border-color:#6ADE17 }
```

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

Here you see how a box with a 4 pixel #6ADE17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ADE17; -webkit-box-shadow:4px 4px  
4px 4px #6ADE17; box-shadow:4px 4px 4px  
4px #6ADE17 }
```

# Background

The CSS property to change the background color of an element to Hex 6ADE17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ADE17 }
```

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

```
.background{ background-color:#6ADE17 }
```

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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