

# Converting Colors

Hex(6AD95E)

Have a look what the booklet for  
Hex(6AD95E) contains.

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# **Color**

**Hex(6AD95E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AD95E
RGB	106, 217, 94
RGB Percent	42%, 85%, 37%
CMY	0.5843, 0.1490, 0.6314
CMYK	0.51, 0.00, 0.57, 0.15
HSL	114°, 62%, 61%
HSV	114°, 57%, 85%
XYZ	32.7771, 53.4980, 19.1883
YIQ	169.7890, -26.6730, -61.7850

# Conversions

## Conversions Part 2

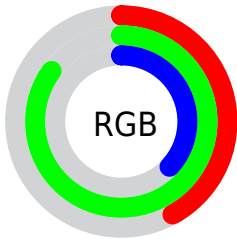
Format	Color
<a href="#">RYB</a>	<a href="#">94, 217, 205</a>
Decimal	<a href="#">7002462</a>
CIELab	<a href="#">78.17, -55.27, 50.23</a>
CIELCh	<a href="#">78, 74.683, 137.735</a>
Yxy	<a href="#">53.4980, 0.3108, 0.5073</a>
Android (android.graphics.Color)	<a href="#">4285192542</a> ( <a href="#">0xFF6AD95E</a> )
YUV	<a href="#">169.7890, -37.3640, -55.9430</a>
Hunter-Lab	<a href="#">73.1423, -48.0084, 35.6454</a>

# Details

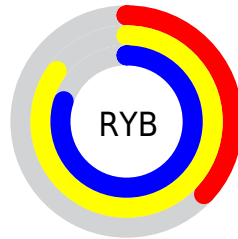
The Hex color **6AD95E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **CD5ED9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A5FF94**, and **29A129** is the 20% darker color. If you saturate the color by 10%, you get **56D948**, and if you desaturate by 10%, it is **7ED974**.

# Distribution



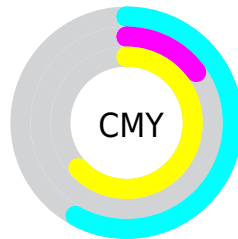
- Red (42%)
- Green (85%)
- Blue (37%)



- Red (37%)
- Yellow (85%)
- Blue (80%)



- Cyan (51%)
- Magenta (0%)
- Yellow (57%)
- Black (15%)



- Cyan (58%)
- Magenta (15%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AD95E 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 6AD95E by changing the saturation by 10% instead.



 6AD95E

 6AD95E

FFFFFF

 4CBD44


 A5FF94

 29A129

 C2FFAF

 008606

 E0FFCB

 006C00

 FEFFE8

 005200

 003A00

 002300

 000000

 6AD95E

 6AD95E

 56D948

 7ED974

 43D933

 91D989

 2FD91D

 A5D99F

 1CD907

 B8D9B5

 15D900

 CCD9CB

 DFD9E0

 F3D9F6

 FFD9FF

# Harmonies

## Analogous

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



BECA2B



6AD95E



00E1A1

# Triad

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



6AD95E



00D1FF



FF819B

# Complementary

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



6AD95E



CD5ED9

# 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.



FF83E1



6AD95E



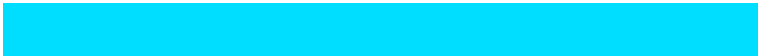
8ABBFF

# Square

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



6AD95E



00DEFF



F89DFF



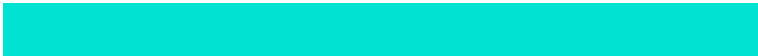
FF975C

# Rectangle

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



6AD95E



00E2D2



F89DFF



FF7EB2

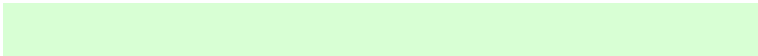


# Sweetspot

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



6AD95E



D8FFD4



D9CD5E



688066



000000



808080



# Same Dimension

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



6AD95E



63FF52



5ED98F



646E63



11AD00



042E00



# Inverse Universe

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



CD5ED9



EE52FF



D95EA8



6D636E



9C00AD

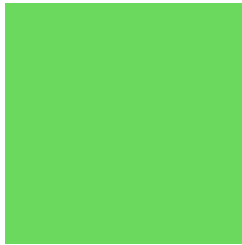


29002E



# Previews

## White Background



This preview shows how the Hex color 6AD95E looks on a white background.

## Color Contrast Check

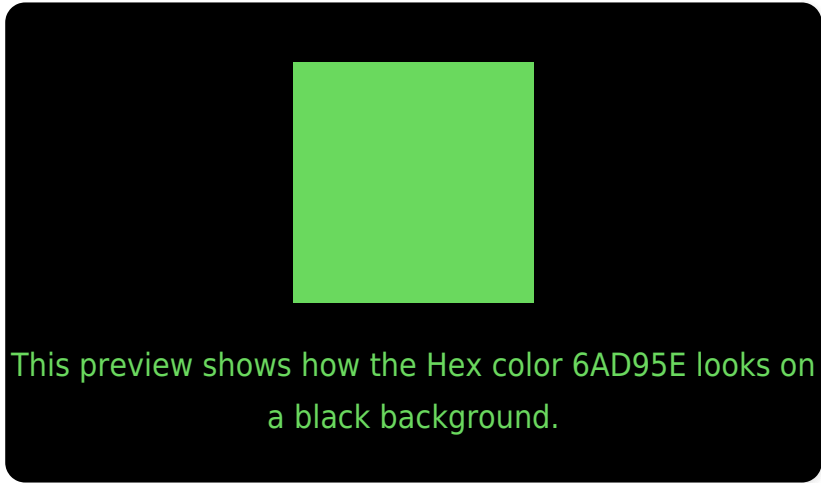
Large Text (above 18pt) WCAG AA × Fail

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

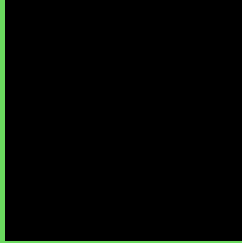
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6AD95E Background



This preview shows how black text looks on a background with the Hex color 6AD95E.

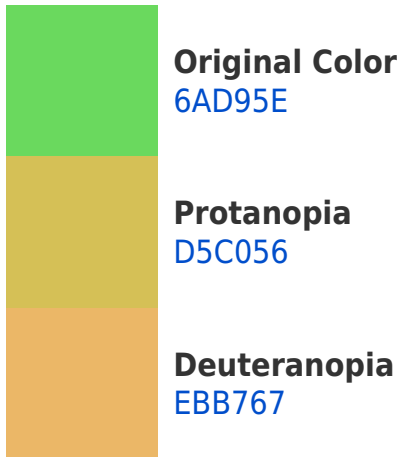


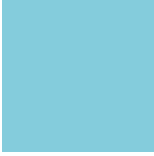
This preview shows how white text looks on a background with the Hex color 6AD95E.

# Color Blindness Simulation

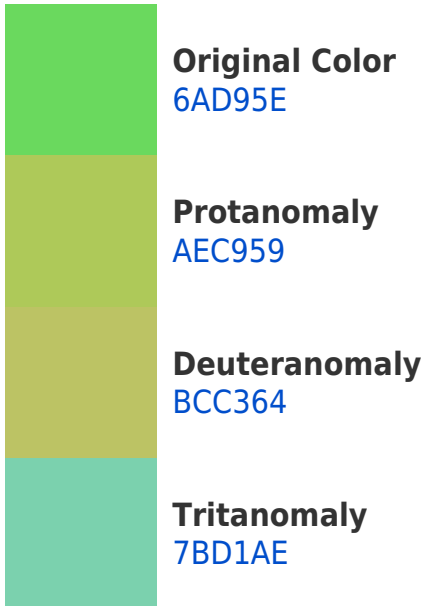
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

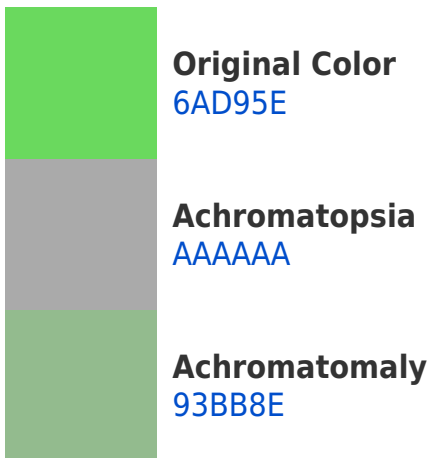




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AD95E 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 #6AD95E looks like.

```
.text, #text, p{  
    color:#6AD95E  
}
```

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 #6AD95E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD95E
}
```

## Border

The CSS property to change the border of an element to Hex 6AD95E 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
#6AD95E }
```

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

```
.border{ border-color:#6AD95E }
```

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

Here you see how a box with a 4 pixel #6AD95E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD95E; -webkit-box-shadow:4px 4px  
4px 4px #6AD95E; box-shadow:4px 4px 4px  
4px #6AD95E }
```

# Background

The CSS property to change the background color of an element to Hex 6AD95E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD95E }
```

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

```
.background{ background-color:#6AD95E }
```

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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