

Converting Colors

Hex(6AD163)

Have a look what the booklet for
Hex(6AD163) contains.

Hex(6AD163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AD163)

Conversions

Conversions Part 1

Format	Color
Hex	6AD163
RGB	106, 209, 99
RGB Percent	42%, 82%, 39%
CMY	0.5843, 0.1804, 0.6118
CMYK	0.49, 0.00, 0.53, 0.18
HSL	116°, 54%, 60%
HSV	116°, 53%, 82%
XYZ	30.9965, 49.5660, 19.7379
YIQ	165.6630, -26.0780, -56.0460

Conversions

Conversions Part 2

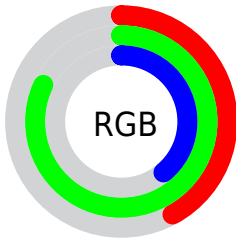
Format	Color
RYB	99, 209, 202
Decimal	7000419
CIELab	75.80, -51.54, 45.09
CIElCh	76, 68.477, 138.818
Yxy	49.5660, 0.3090, 0.4942
Android (android.graphics.Color)	4285190499 (0xFF6AD163)
YUV	165.6630, -32.8649, -52.3245
Hunter-Lab	70.4031, -44.6170, 32.6599

Details

The Hex color **6AD163** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CA63D1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A4FF98**, and **2C9A30** is the 20% darker color. If you saturate the color by 10%, you get **56D14E**, and if you desaturate by 10%, it is **7ED178**.

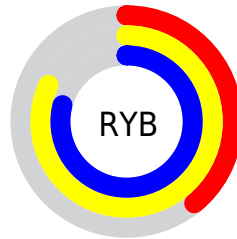
Distribution



Red (42%)

Green (82%)

Blue (39%)



Red (39%)

Yellow (82%)

Blue (79%)

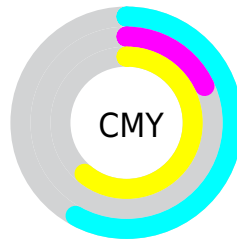


Cyan (49%)

Magenta (0%)

Yellow (53%)

Black (18%)



Cyan (58%)

Magenta (18%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AD163 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 6AD163 by changing the saturation by 10% instead.

 6AD163

 6AD163

FFFFFF

 4DB549

 A4FF98

 2C9A30

 C1FFB4

 007F14

 DEFFD0

 006500

 FCFEC

 004C00

 003400

 001D00

 000000

 6AD163

 6AD163

 56D14E

 7ED178

 43D139

 91D18D

 2FD124

 A5D1A2

 1CD10F

 B8D1B7

 0DD100

 CCD1CC

 DFD1E0

 F3D1F5

 FFD1FF

Harmonies

Analogous

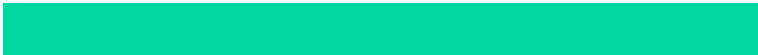
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B6C437



6AD163



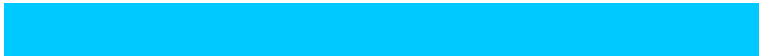
00D8A0

Triad

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



6AD163



00C9FF



FF8296

Complementary

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



6AD163



CA63D1

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.



FF83D5



6AD163



91B4FF

Square

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



6AD163



00D5FF



F099FF



FF965D

Rectangle

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



6AD163



00D9CC



F099FF



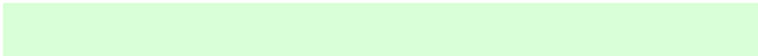
FF80AB

Sweetspot

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



6AD163



D9FFD6



D1CA63



698067



000000



808080

Same Dimension

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



6AD163



69FF5E



63D193



5F695E



0BA800



032900

Inverse Universe

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



CA63D1



F55EFF



D163A1



685E69



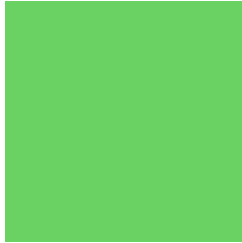
9E00A8



260029

Previews

White Background



This preview shows how the Hex color 6AD163 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 6AD163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

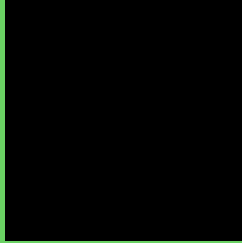
Any Text WCAG AA ✓ Pass

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 6AD163 Background



This preview shows how black text looks on a background with the Hex color 6AD163.

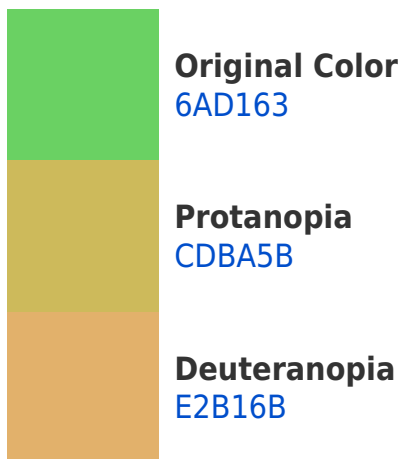


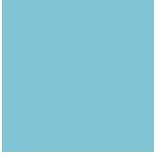
This preview shows how white text looks on a background with the Hex color 6AD163.

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](#).

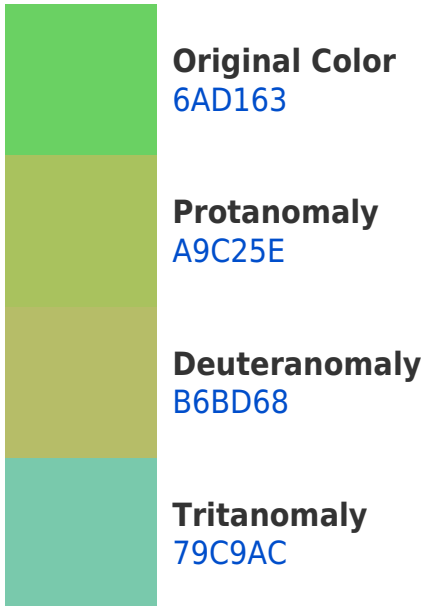
Dichromacy



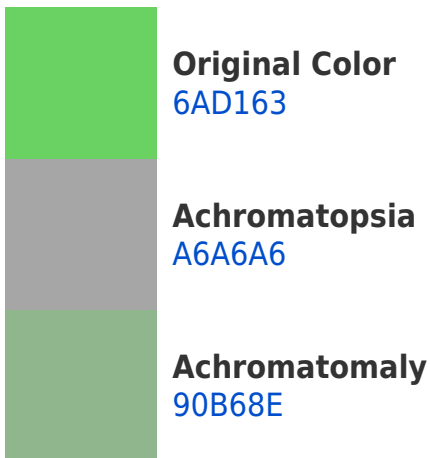


Tritanopia
82C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AD163 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 #6AD163 looks like.

```
.text, #text, p{  
    color:#6AD163  
}
```

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 #6AD163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD163
}
```

Border

The CSS property to change the border of an element to Hex 6AD163 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
#6AD163 }
```

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

```
.border{ border-color:#6AD163 }
```

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

Here you see how a box with a 4 pixel #6AD163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD163; -webkit-box-shadow:4px 4px  
4px 4px #6AD163; box-shadow:4px 4px 4px  
4px #6AD163 }
```

Background

The CSS property to change the background color of an element to Hex 6AD163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD163 }
```

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

```
.background{ background-color:#6AD163 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor