

# Converting Colors

Hex(1AD075)

Have a look what the booklet for  
Hex(1AD075) contains.

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# Color

Hex(1AD075)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AD075
RGB	26, 208, 117
RGB Percent	10%, 82%, 46%
CMY	0.8980, 0.1843, 0.5412
CMYK	0.88, 0.00, 0.44, 0.18
HSL	150°, 78%, 46%
HSV	150°, 88%, 82%
XYZ	26.1928, 46.6157, 24.4469
YIQ	143.2080, -79.2610, -66.8850

# Conversions

## Conversions Part 2

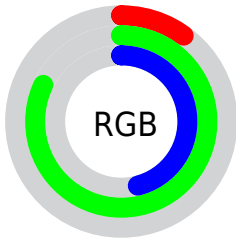
Format	Color
<a href="#">RYB</a>	<a href="#">26, 147, 208</a>
Decimal	<a href="#">1757301</a>
CIELab	<a href="#">73.94, -62.31, 33.52</a>
CIELCh	<a href="#">74, 70.754, 151.725</a>
Yxy	<a href="#">46.6157, 0.2693, 0.4793</a>
Android (android.graphics.Color)	<a href="#">4279947381 (0xFF1AD075)</a>
YUV	<a href="#">143.2080, -12.9205, -102.7914</a>
Hunter-Lab	<a href="#">68.2757, -51.0041, 26.5636</a>

# Details

The Hex color **1AD075** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D01A75**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6CFFAA**, and **009843** is the 20% darker color. If you saturate the color by 10%, you get **05D06B**, and if you desaturate by 10%, it is **2FD07F**.

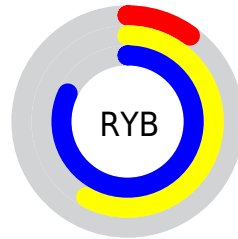
# Distribution



Red (10%)

Green (82%)

Blue (46%)



Red (10%)

Yellow (58%)

Blue (82%)

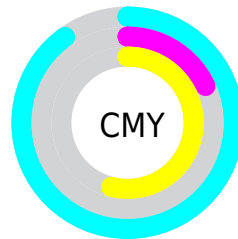


Cyan (88%)

Magenta (0%)

Yellow (44%)

Black (18%)



Cyan (90%)

Magenta (18%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AD075 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 1AD075 by changing the saturation by 10% instead.



 1AD075

 1AD075

FFFFFF

 00B45C

 6CFFAA

 009843

 8CFFC6

 007D2B

 ABFFE2

 006312

 CAFFFF

 004900

 E9FFFF

 003200

 001600

 000000

 1AD075

 1AD075

 05D06B

 2FD07F

 00D068

 44D08A

 58D094

 6DD09F

 82D0A9

 97D0B3

 ACD0BE

 C0D0C8

 D5D0D3

# Harmonies

## Analogous

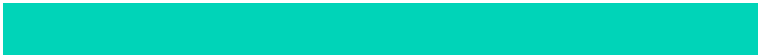
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92C63D



1AD075



00D4B8

# Triad

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



1AD075



00BCFF



FF8275

# Complementary

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



1AD075



D01A75

# 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.



FF77B5



1AD075



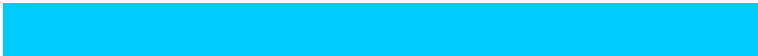
BBA3FF

# Square

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



1AD075



00CCFF



FF87F4



FF9B40

# Rectangle

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



1AD075



00D5E4



FF87F4



FF7B8A

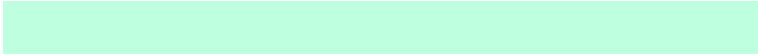


# Sweetspot

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



1AD075



BDFE00



75D01A



58806C



000000



808080



# Same Dimension

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



1AD075



00FF80



1AD0D0



5E6963



00A854



002914



# Inverse Universe

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



D01A75



FF0080



D01A1A



695E63



A80054



290014



# Previews

## White Background



This preview shows how the Hex color 1AD075 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 1AD075 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

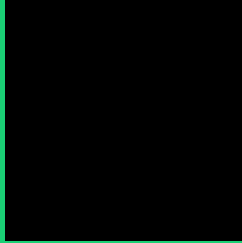
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1AD075 Background



This preview shows how black text looks on a background with the Hex color 1AD075.

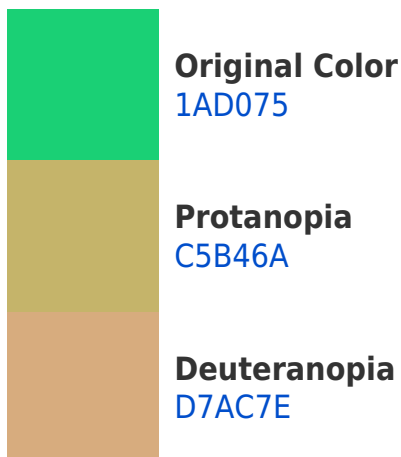


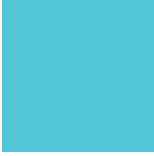
This preview shows how white text looks on a background with the Hex color 1AD075.

# 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**  
50C5D5

# Trichromacy



**Original Color**  
1AD075



**Protanomaly**  
87BE6E



**Deuteranomaly**  
92B97B



**Tritanomaly**  
3CC9B2

# Monochromacy



**Original Color**  
1AD075



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
64A786

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AD075 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 #1AD075 looks like.

```
.text, #text, p{  
    color:#1AD075  
}
```

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 #1AD075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AD075
}
```

## Border

The CSS property to change the border of an element to Hex 1AD075 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
#1AD075 }
```

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

```
.border{ border-color:#1AD075 }
```

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

Here you see how a box with a 4 pixel #1AD075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AD075; -webkit-box-shadow:4px 4px  
4px 4px #1AD075; box-shadow:4px 4px 4px  
4px #1AD075 }
```

# Background

The CSS property to change the background color of an element to Hex 1AD075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AD075 }
```

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

```
.background{ background-color:#1AD075 }
```

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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