

Converting Colors

Hex(0AD124)

Have a look what the booklet for
Hex(0AD124) contains.

Hex(0AD124)	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(0AD124)

Conversions

Conversions Part 1

Format	Color
Hex	0AD124
RGB	10, 209, 36
RGB Percent	4%, 82%, 14%
CMY	0.9608, 0.1804, 0.8588
CMYK	0.95, 0.00, 0.83, 0.18
HSL	128°, 91%, 43%
HSV	128°, 95%, 82%
XYZ	23.2441, 45.7928, 9.2829
YIQ	129.7770, -63.0710, -95.9910

Conversions

Conversions Part 2

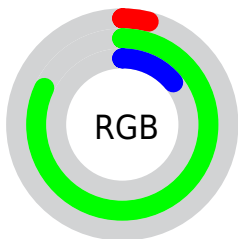
Format	Color
RYB	10, 186, 209
Decimal	708900
CIELab	73.41, -72.72, 66.13
CIELCh	73, 98.291, 137.715
Yxy	45.7928, 0.2968, 0.5847
Android (android.graphics.Color)	4278898980 (0xFF0AD124)
YUV	129.7770, -46.2321, -105.0444
Hunter-Lab	67.6704, -57.1103, 39.2360

Details

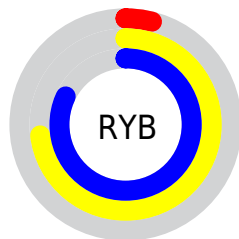
The Hex color **0AD124** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D10AB7**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6CFF61**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **00D11B**, and if you desaturate by 10%, it is **1FD136**.

Distribution



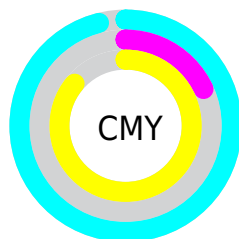
- Red (4%)
- Green (82%)
- Blue (14%)



- Red (4%)
- Yellow (73%)
- Blue (82%)



- Cyan (95%)
- Magenta (0%)
- Yellow (83%)
- Black (18%)



- Cyan (96%)
- Magenta (18%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AD124 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 0AD124 by changing the saturation by 10% instead.

 0AD124

 0AD124

FFFFFF

 00B500

 6CFF61

 009900

 8DFF7D

 007D00

 ADFF9A

 006300

 CCFFB6

 004900

 EBFFD3

 003100

 FFFFF1

 001400

 000000

 0AD124

 0AD124

00D11B

1FD136

34D148

49D15B

5ED16D

72D17F

87D191

9CD1A3

B1D1B5

C6D1C8

Harmonies

Analogous

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



A7C000



0AD124



00D98B

Triad

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



0AD124



00CAFF



FF4584

Complementary

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



0AD124



D10AB7

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.



FF49DD



0AD124



2FADFF

Square

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



0AD124



00D8FF



F87FFF



FF772A

Rectangle

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



0AD124



00DBCA



F87FFF



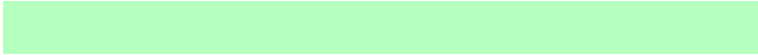
FF3CA1

Sweetspot

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



0AD124



B5FFBF



BAD10A



538059



000000



808080

Same Dimension

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



0AD124



00FF21



0AD185



5E695F



00A816



002905

Inverse Universe

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



D10AB7



FF00DE



D10A56



695E67



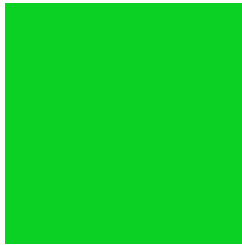
A80092



290023

Previews

White Background



This preview shows how the Hex color 0AD124 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 0AD124 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 0AD124 Background



This preview shows how black text looks on a background with the Hex color 0AD124.



This preview shows how white text looks on a background with the Hex color 0AD124.

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](#).

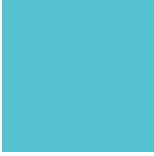
Dichromacy



Original Color
0AD124

Protanopia
C9B31C

Deuteranopia
E0AA39



Tritanopia
57C3D2

Trichromacy



Original Color

0AD124



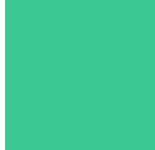
Protanomaly

84BE1F



Deuteranomaly

92B831



Tritanomaly

3BC893

Monochromacy



Original Color

0AD124



Achromatopsia

828282



Achromatomaly

569F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AD124 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 #0AD124 looks like.

```
.text, #text, p{  
    color:#0AD124  
}
```

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 #0AD124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AD124
}
```

Border

The CSS property to change the border of an element to Hex 0AD124 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
#0AD124 }
```

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

```
.border{ border-color:#0AD124 }
```

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

Here you see how a box with a 4 pixel #0AD124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AD124; -webkit-box-shadow:4px 4px  
4px 4px #0AD124; box-shadow:4px 4px 4px  
4px #0AD124 }
```

Background

The CSS property to change the background color of an element to Hex 0AD124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AD124 }
```

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

```
.background{ background-color:#0AD124 }
```

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