

# Converting Colors

Hex(ADB228)

Have a look what the booklet for  
Hex(ADB228) contains.

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**Color**

**Hex(ADB228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADB228
RGB	173, 178, 40
RGB Percent	68%, 70%, 16%
CMY	0.3216, 0.3020, 0.8431
CMYK	0.03, 0.00, 0.78, 0.30
HSL	62°, 63%, 43%
HSV	62°, 78%, 70%
XYZ	33.5370, 40.8782, 8.1302
YIQ	160.7730, 41.3180, -43.9780

# Conversions

## Conversions Part 2

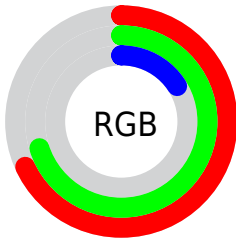
Format	Color
<a href="#">RYB</a>	<a href="#">40, 178, 45</a>
Decimal	<a href="#">11383336</a>
CIELab	<a href="#">70.09, -17.76, 64.21</a>
CIELCh	<a href="#">70, 66.624, 105.462</a>
Yxy	<a href="#">40.8782, 0.4063, 0.4952</a>
Android (android.graphics.Color)	<a href="#">4289573416 (0xFFADB228)</a>
YUV	<a href="#">160.7730, -59.5411, 10.7231</a>
Hunter-Lab	<a href="#">63.9361, -18.2579, 37.2159</a>

# Details

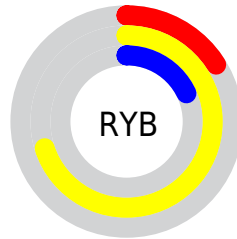
The Hex color **ADB228** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2D28B2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E7EA61**, and **757E00** is the 20% darker color. If you saturate the color by 10%, you get **ACB216**, and if you desaturate by 10%, it is **AEB23A**.

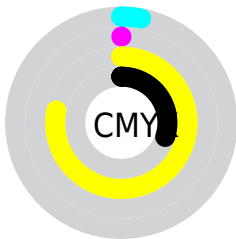
# Distribution



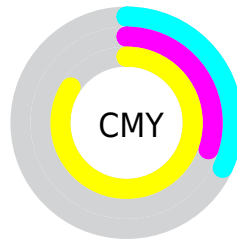
- Red (68%)
- Green (70%)
- Blue (16%)



- Red (16%)
- Yellow (70%)
- Blue (18%)



- Cyan (3%)
- Magenta (0%)
- Yellow (78%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ADB228 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 ADB228 by changing the saturation by 10% instead.



 ADB228

 ADB228

FFFFFF

 919700

 E7EA61

 757E00

 FFFF7D

 5A6500

 FFFF99

 3F4D00

 FFFFB5

 253600

 FFFFD1

 092100

 FFFFEF

 000100

 000000

 ADB228

 ADB228

■ ACB216

■ AEB23A

■ ACB204

■ AEB24C

■ ACB200

■ AFB25D

■ B0B26F

■ B0B281

■ B1B293

■ B2B2A5

■ B2B2B6

■ B3B2C8

# Harmonies

## Analogous

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



E39E2D



ADB228



67BF51

# Triad

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



ADB228



00C5FF



FF77CB

# Complementary

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



ADB228



2D28B2

# 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.



D68EFF



ADB228



00BAFF

# Square

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



ADB228



00C8CA



72A7FF



FF738E

# Rectangle

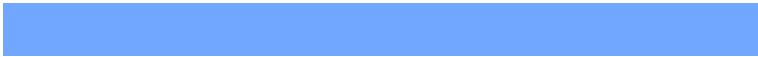
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ADB228



00C576



72A7FF



FD7DDF



# Sweetspot

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



ADB228



E6E8B3



B22D28



747554



F5F5F5



757575



# Same Dimension

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



ADB228



E0E810



68B228



595950



939900



191A00



# Inverse Universe

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



2D28B2



1810E8



7228B2



515059



060099



01001A



# Previews

## White Background



This preview shows how the Hex color ADB228 looks on a white background.

## Color Contrast Check

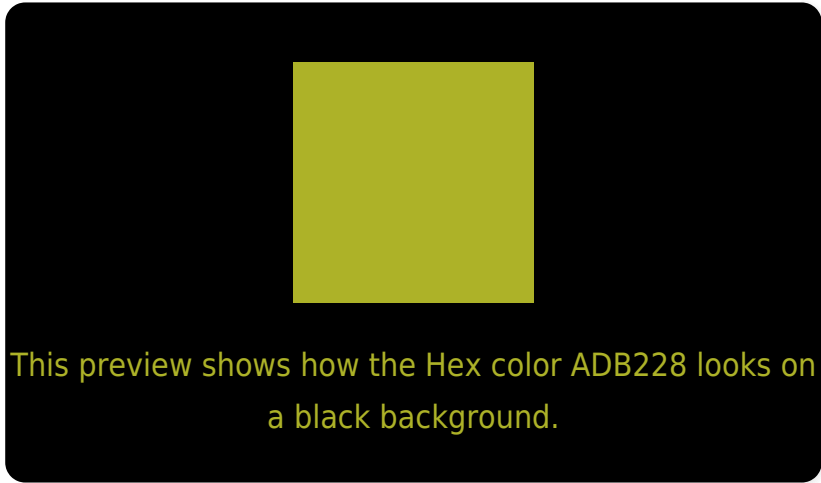
Large Text (above 18pt) WCAG AA × Fail

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 ADB228 Background



This preview shows how black text looks on a background with the Hex color ADB228.



This preview shows how white text looks on a background with the Hex color ADB228.

# 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**  
ADB228

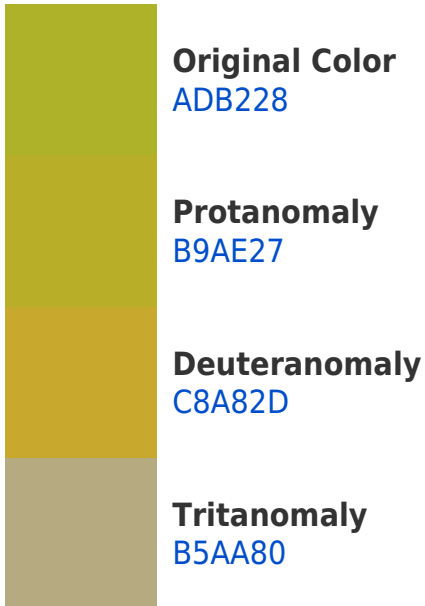
**Protanopia**  
C0AC26

**Deuteranopia**  
D7A230

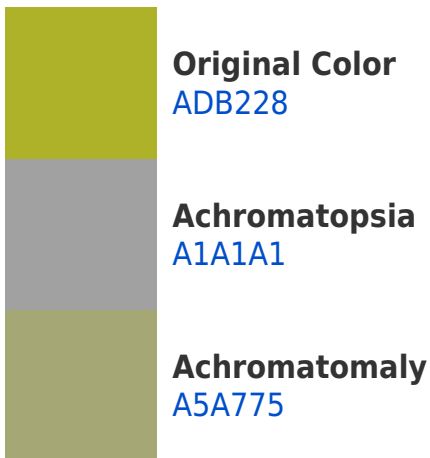


**Tritanopia**  
B9A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ADB228 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 #ADB228 looks like.

```
.text, #text, p{  
    color:#ADB228  
}
```

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 #ADB228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADB228
}
```

## Border

The CSS property to change the border of an element to Hex ADB228 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
#ADB228 }
```

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

```
.border{ border-color:#ADB228 }
```

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

Here you see how a box with a 4 pixel #ADB228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADB228; -webkit-box-shadow:4px 4px  
4px 4px #ADB228; box-shadow:4px 4px 4px  
4px #ADB228 }
```

# Background

The CSS property to change the background color of an element to Hex ADB228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADB228 }
```

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

```
.background{ background-color:#ADB228 }
```

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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