

Converting Colors

Hex(ADD730)

Have a look what the booklet for
Hex(ADD730) contains.

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Color

Hex(ADD730)

Conversions

Conversions Part 1

Format	Color
Hex	ADD730
RGB	173, 215, 48
RGB Percent	68%, 84%, 19%
CMY	0.3216, 0.1569, 0.8118
CMYK	0.20, 0.00, 0.78, 0.16
HSL	75°, 68%, 52%
HSV	75°, 78%, 84%
XYZ	42.0675, 57.6985, 11.7160
YIQ	183.4040, 28.5750, -60.8410

Conversions

Conversions Part 2

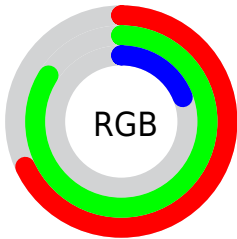
Format	Color
RYB	48, 215, 90
Decimal	11392816
CIELab	80.57, -35.21, 71.37
CIElCh	81, 79.588, 116.259
Yxy	57.6985, 0.3773, 0.5176
Android (android.graphics.Color)	4289582896 (0xFFADD730)
YUV	183.4040, -66.7542, -9.1243
Hunter-Lab	75.9595, -34.0732, 44.0268

Details

The Hex color **ADD730** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle muted chartreuse. A complement of this color would be **5A30D7**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E8FF6C**, and **74A000** is the 20% darker color. If you saturate the color by 10%, you get **A8D71B**, and if you desaturate by 10%, it is **B2D746**.

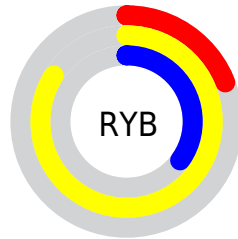
Distribution



Red (68%)

Green (84%)

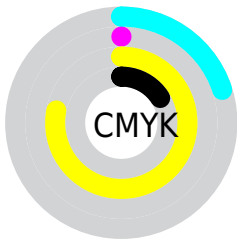
Blue (19%)



Red (19%)

Yellow (84%)

Blue (35%)

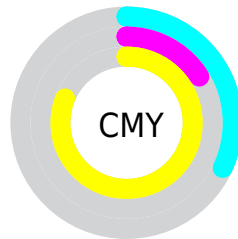


Cyan (20%)

Magenta (0%)

Yellow (78%)

Black (16%)



Cyan (32%)

Magenta (16%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color ADD730 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 ADD730 by changing the saturation by 10% instead.

 ADD730

 ADD730

FFFFFF

 90BB00

 E8FF6C

 74A000

 FFFF88

 588600

 FFFFA5

 3C6C00

 FFFFC1

 1D5400

 FFFFD

 003C00

FFFFFFC

 002700

 000400

 000000

 ADD730

 ADD730

 A8D71B

 B2D746

 A2D705

 B8D75B

 A1D700

 BDD771

 C3D786

 C8D79C

 CDD7B1

 D3D7C7

 D8D7DC

 DED7F2

Harmonies

Analogous

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



F5C118



ADD730



3DE471

Triad

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



ADD730



00E4FF



FF7FD5

Complementary

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



ADD730



5A30D7

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.



FF97FF



ADD730



00D3FF

Square

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



ADD730



00EAFB



B6B8FF



FF878B

Rectangle

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



ADD730



00E9A2



B6B8FF



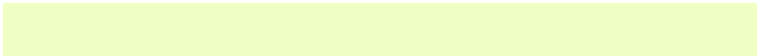
FF84ED

Sweetspot

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



ADD730



F0FFC4



D75A30



77805C



000000



808080

Same Dimension

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



ADD730



C3FF12



5AD730



686B60



80AB00



202B00

Inverse Universe

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



5A30D7



4D12FF



AD30D7



63606B



2B00AB



0B002B

Previews

White Background



This preview shows how the Hex color ADD730 looks on a white background.

Color Contrast Check

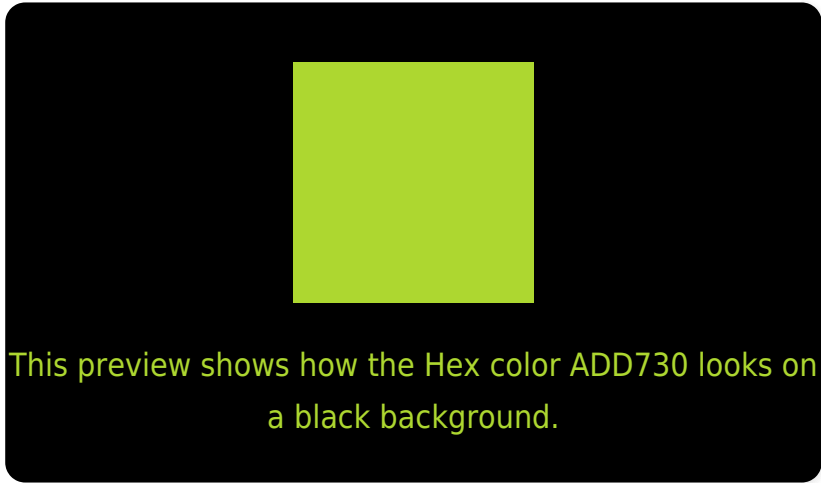
Large Text (above 18pt) WCAG AA × Fail

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 ADD730 Background



This preview shows how black text looks on a background with the Hex color ADD730.

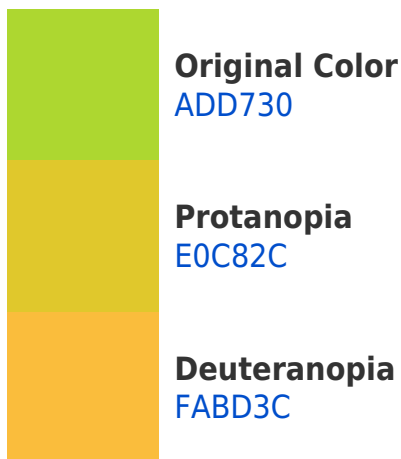


This preview shows how white text looks on a background with the Hex color ADD730.

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
BEC8D8

Trichromacy



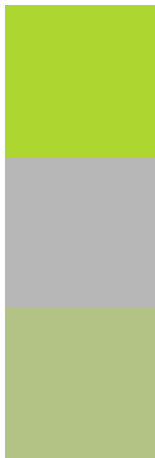
Original Color
ADD730

Protanomaly
C8C82D

Deuteranomaly
DEC638

Tritanomaly
B8CD9B

Monochromacy



Original Color
ADD730

Achromatopsia
B7B7B7

Achromatomaly
B3C386

CSS Examples

Text

The CSS property to change the color of the text to Hex ADD730 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 #ADD730 looks like.

```
.text, #text, p{  
    color:#ADD730  
}
```

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 #ADD730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADD730
}
```

Border

The CSS property to change the border of an element to Hex ADD730 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
#ADD730 }
```

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

```
.border{ border-color:#ADD730 }
```

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

Here you see how a box with a 4 pixel #ADD730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADD730; -webkit-box-shadow:4px 4px  
4px 4px #ADD730; box-shadow:4px 4px 4px  
4px #ADD730 }
```

Background

The CSS property to change the background color of an element to Hex ADD730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADD730 }
```

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

```
.background{ background-color:#ADD730 }
```

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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