

Converting Colors

Hex(70DEAD)

Have a look what the booklet for
Hex(70DEAD) contains.

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Color

Hex(70DEAD)

Conversions

Conversions Part 1

Format	Color
Hex	70DEAD
RGB	112, 222, 173
RGB Percent	44%, 87%, 68%
CMY	0.5608, 0.1294, 0.3216
CMYK	0.50, 0.00, 0.22, 0.13
HSL	153°, 62%, 65%
HSV	153°, 50%, 87%
XYZ	40.3462, 58.7044, 48.7398
YIQ	183.5240, -49.8310, -38.5590

Conversions

Conversions Part 2

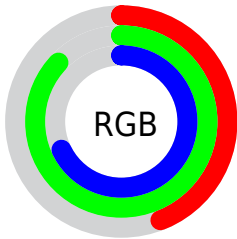
Format	Color
RYB	112, 183, 222
Decimal	7397037
CIELab	81.13, -42.89, 14.47
CIELCh	81, 45.262, 161.355
Yxy	58.7044, 0.2730, 0.3972
Android (android.graphics.Color)	4285587117 (0xFF70DEAD)
YUV	183.5240, -5.1883, -62.7265
Hunter-Lab	76.6188, -40.0878, 15.9168

Details

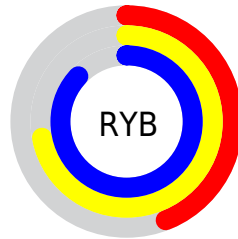
The Hex color **70DEAD** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DE70A1**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **AAFFE5**, and **33A679** is the 20% darker color. If you saturate the color by 10%, you get **5ADEA3**, and if you desaturate by 10%, it is **86DEB7**.

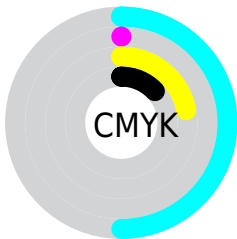
Distribution



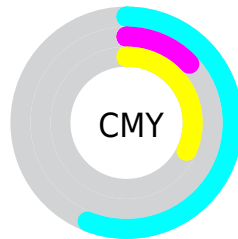
- Red (44%)
- Green (87%)
- Blue (68%)



- Red (44%)
- Yellow (72%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)



- Cyan (56%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70DEAD 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 70DEAD by changing the saturation by 10% instead.

 70DEAD

 70DEAD


FFFFFF

 53C292

 AAFFE5

 33A679

 C7FFFF

 028B60

 E4FFFF

 007148

 005831

 003F1C

 002A03

 000800

 000000

 70DEAD

 70DEAD

 5ADEA3

 86DEB7

 44DE99

 9CDEC1

 2DDE8F

 B3DECB

 17DE85

 C9DED5

 01DE7C

 DFDEDE

 00DE7B

 F5DEE8

 FFDEF2

 FFDEFC

 FFDEFF

Harmonies

Analogous

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



A6D788



70DEAD



24E0D9

Triad

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



70DEAD



A5C8FF



FFB094

Complementary

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



70DEAD



DE70A1

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.



FFA8BB



70DEAD



E3B9FF

Square

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



70DEAD



56D5FF



FFACE6



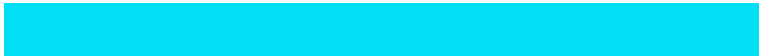
FBBE79

Rectangle

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



70DEAD



00DFF4



FFACE6



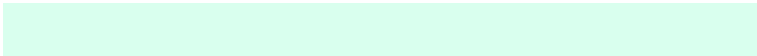
FFACA0

Sweetspot

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



70DEAD



D9FFEE



A2DE70



698075



000000



808080

Same Dimension

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



70DEAD



69FFBC



70D9DE



65706B



00B062



00301B

Inverse Universe

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



DE70A1



FF69AC



DE7670



70656A



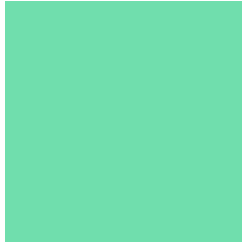
B0004E



300016

Previews

White Background



This preview shows how the Hex color 70DEAD looks on a white background.

Color Contrast Check

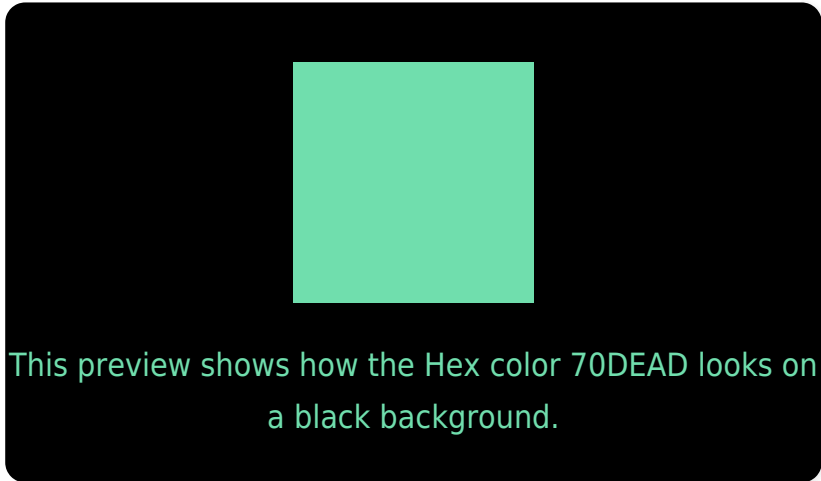
Large Text (above 18pt) WCAG AA × Fail

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 70DEAD Background



This preview shows how black text looks on a background with the Hex color 70DEAD.

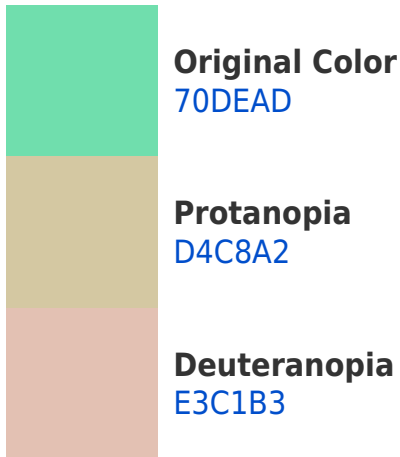


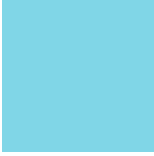
This preview shows how white text looks on a background with the Hex color 70DEAD.

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
80D6E7

Trichromacy



Original Color

70DEAD



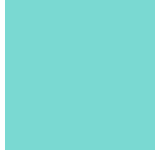
Protanomaly

B0D0A6



Deuteranomaly

B9CCB1



Tritanomaly

7AD9D2

Monochromacy



Original Color

70DEAD



Achromatopsia

B8B8B8



Achromatomaly

9EC6B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 70DEAD 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 #70DEAD looks like.

```
.text, #text, p{  
    color:#70DEAD  
}
```

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 #70DEAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70DEAD
}
```

Border

The CSS property to change the border of an element to Hex 70DEAD 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
#70DEAD }
```

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

```
.border{ border-color:#70DEAD }
```

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

Here you see how a box with a 4 pixel #70DEAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70DEAD; -webkit-box-shadow:4px 4px  
4px 4px #70DEAD; box-shadow:4px 4px 4px  
4px #70DEAD }
```

Background

The CSS property to change the background color of an element to Hex 70DEAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70DEAD }
```

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

```
.background{ background-color:#70DEAD }
```

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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