

# Converting Colors

Hex(70B382)

Have a look what the booklet for  
Hex(70B382) contains.

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# Color

Hex(70B382)

# Conversions

## Conversions Part 1

Format	Color
Hex	70B382
RGB	112, 179, 130
RGB Percent	44%, 70%, 51%
CMY	0.5608, 0.2980, 0.4902
CMYK	0.37, 0.00, 0.27, 0.30
HSL	136°, 31%, 57%
HSV	136°, 37%, 70%
XYZ	26.8315, 37.2966, 26.9039
YIQ	153.3810, -24.2030, -29.4430

# Conversions

## Conversions Part 2

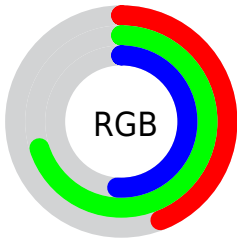
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 165, 179
Decimal	7385986
CIELab	67.50, -31.91, 18.46
CIElCh	67, 36.867, 149.948
Yxy	37.2966, 0.2947, 0.4097
Android (android.graphics.Color)	4285576066 (0xFF70B382)
YUV	153.3810, -11.5268, -36.2911
Hunter-Lab	61.0710, -28.4505, 16.6304

# Details

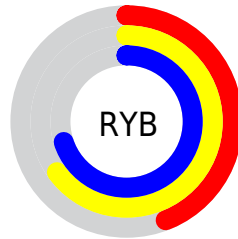
The Hex color **70B382** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B370A1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A6EBB7**, and **3C7E50** is the 20% darker color. If you saturate the color by 10%, you get **5EB375**, and if you desaturate by 10%, it is **82B38F**.

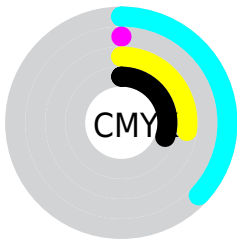
# Distribution



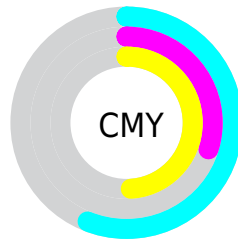
- Red (44%)
- Green (70%)
- Blue (51%)



- Red (44%)
- Yellow (65%)
- Blue (70%)



- Cyan (37%)
- Magenta (0%)
- Yellow (27%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70B382 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 70B382 by changing the saturation by 10% instead.



 70B382

 70B382

FFFFFF

 569869

 A6EBB7

 3C7E50

 C2FFD3

 216439

 DEFFE7

 004C23

 FCFFFF

 00350E

 002100

 000000

 70B382

 70B382

 5EB375

 82B38F

 4CB368

 94B39C

 3AB35B

 A6B3A9

 28B34E

 B8B3B6

 17B341

 CAB3C3

 05B333

 DBB3D1

 00B330

 EDB3DE

 FFB3EB

 FFB3F8

# Harmonies

## Analogous

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



98AC6A



70B382



42B6A3

# Triad

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



70B382



74A8E6



E48D85

# Complementary

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



70B382



B370A1

# 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.



E28BA6



70B382



A89CDE

# Square

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



70B382



37B1DD



CE90C6



D5976C

# Rectangle

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



70B382



20B6BA



CE90C6



E58B8F



# Sweetspot

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



70B382



CFE8D5



A1B370



66756A



F5F5F5



757575



# Same Dimension

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



70B382



80E89C



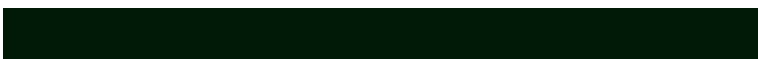
70B3A3



505953



009929



001A07



# Inverse Universe

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



B370A1



E880CC



B37080



595057



990070



1A0013



# Previews

## White Background



This preview shows how the Hex color 70B382 looks on a white background.

## Color Contrast Check

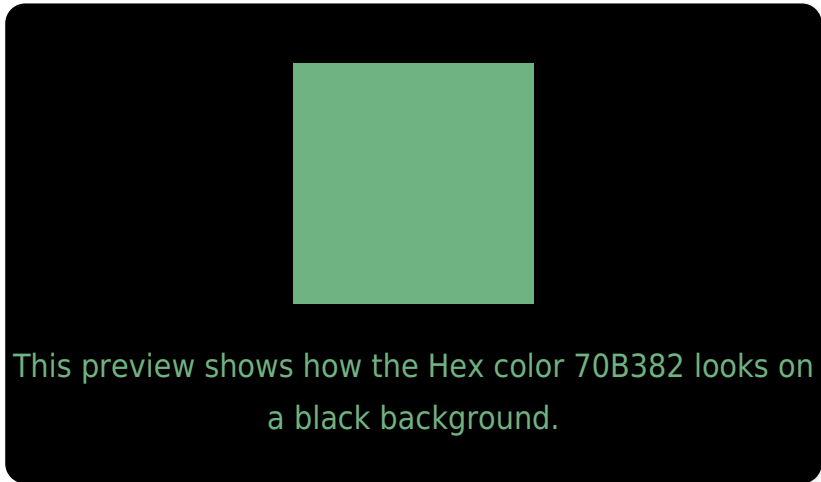
Large Text (above 18pt) WCAG AA × Fail

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 70B382 Background



This preview shows how black text looks on a background with the Hex color 70B382.

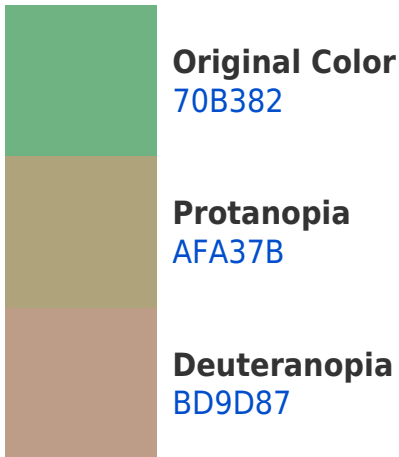


This preview shows how white text looks on a background with the Hex color 70B382.

# Color Blindness Simulation

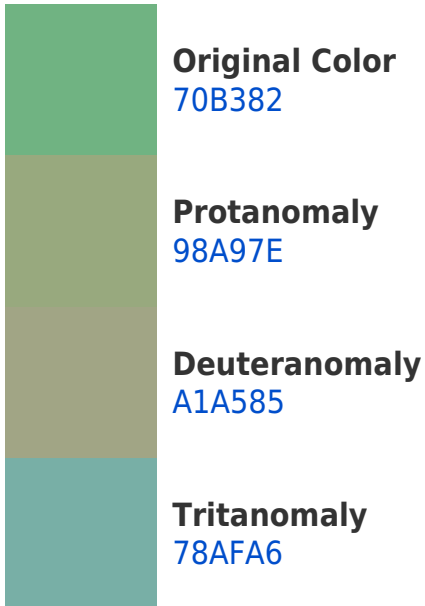
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

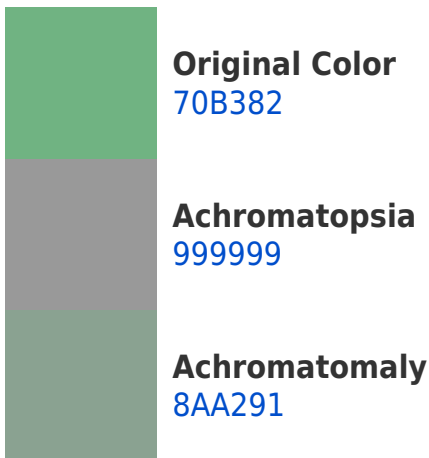




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70B382 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 #70B382 looks like.

```
.text, #text, p{  
    color:#70B382  
}
```

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 #70B382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B382
}
```

## Border

The CSS property to change the border of an element to Hex 70B382 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
#70B382 }
```

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

```
.border{ border-color:#70B382 }
```

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

Here you see how a box with a 4 pixel #70B382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B382; -webkit-box-shadow:4px 4px  
4px 4px #70B382; box-shadow:4px 4px 4px  
4px #70B382 }
```

# Background

The CSS property to change the background color of an element to Hex 70B382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B382 }
```

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

```
.background{ background-color:#70B382 }
```

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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