

# Converting Colors

Hex(41BA72)

Have a look what the booklet for  
Hex(41BA72) contains.

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**Color**

**Hex(41BA72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41BA72
RGB	65, 186, 114
RGB Percent	25%, 73%, 45%
CMY	0.7451, 0.2706, 0.5529
CMYK	0.65, 0.00, 0.39, 0.27
HSL	144°, 48%, 49%
HSV	144°, 65%, 73%
XYZ	22.7761, 37.4565, 21.9490
YIQ	141.6130, -49.0040, -48.0440

# Conversions

## Conversions Part 2

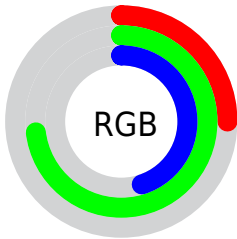
Format	Color
<a href="#">RYB</a>	<a href="#">65, 151, 186</a>
Decimal	<a href="#">4307570</a>
CIELab	<a href="#">67.62, -49.86, 26.90</a>
CIELCh	<a href="#">68, 56.653, 151.652</a>
Yxy	<a href="#">37.4565, 0.2771, 0.4558</a>
Android (android.graphics.Color)	<a href="#">4282497650</a> ( <a href="#">0xFF41BA72</a> )
YUV	<a href="#">141.6130, -13.6132, -67.1896</a>
Hunter-Lab	<a href="#">61.2017, -40.6745, 21.5778</a>

# Details

The Hex color **41BA72** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BA4189**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7DF3A6**, and **008441** is the 20% darker color. If you saturate the color by 10%, you get **2EBA67**, and if you desaturate by 10%, it is **54BA7D**.

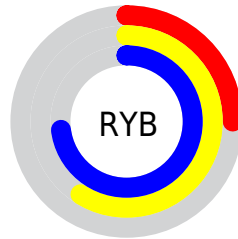
# Distribution



Red (25%)

Green (73%)

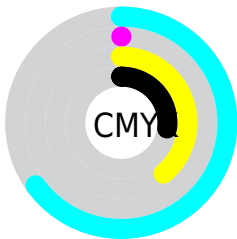
Blue (45%)



Red (25%)

Yellow (59%)

Blue (73%)

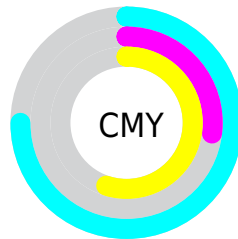


Cyan (65%)

Magenta (0%)

Yellow (39%)

Black (27%)



Cyan (75%)

Magenta (27%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41BA72 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 41BA72 by changing the saturation by 10% instead.



 41BA72

 41BA72

FFFFFF

 1A9E59

 7DF3A6

 008441

 9AFFC2

 006A2A

 B8FFDE

 005013

 D5FFFB


 003800

 F3FFFF

 002200

 000000

 41BA72

 41BA72

 2EBA67

 54BA7D

 1CBA5C

 66BA88

 09BA51

 79BA93

 00BA4B

 8BBA9E

 9EBAA9

 B1BAB4

 C3BABF

 D6BACB

 E8BAD6

# Harmonies

## Analogous

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



8AB149



41BA72



00BEA6

# Triad

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



41BA72



3BA9FF



FF7E72

# Complementary

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



41BA72



BA4189

# 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.



FF77A4



41BA72



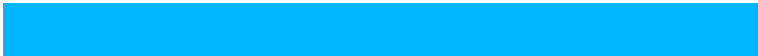
AA96FC

# Square

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



41BA72



00B6FE



E582D6



E7904A

# Rectangle

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



41BA72



00BEC9



E582D6



FF7A82

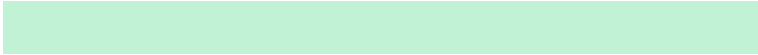


# Sweetspot

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



41BA72



C2F2D5



8ABA41



5D7A69



FAFAFA



7A7A7A



# Same Dimension

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



41BA72



35F282



41BAAE



535C56



009C3F



001C0B



# Inverse Universe

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



BA4189



F235A6



BA414D



5C5358



9C005D



1C0011



# Previews

## White Background



This preview shows how the Hex color 41BA72 looks on a white background.

## Color Contrast Check

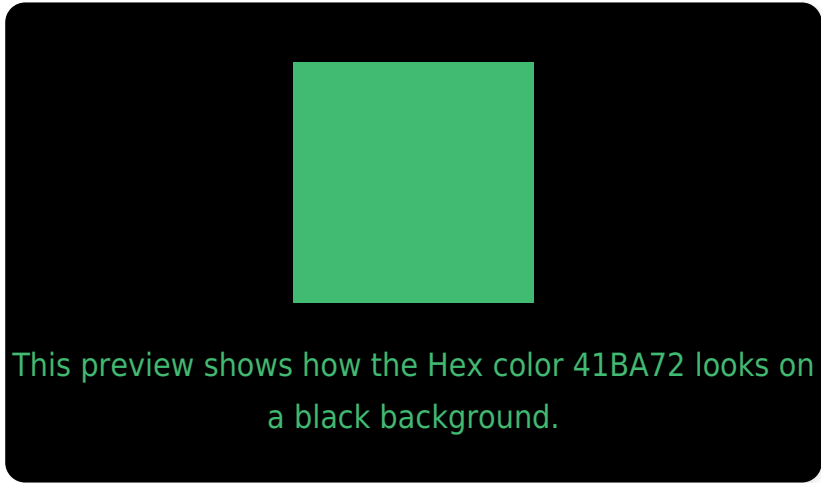
Large Text (above 18pt) WCAG AA × Fail

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 41BA72 Background



This preview shows how black text looks on a background with the Hex color 41BA72.

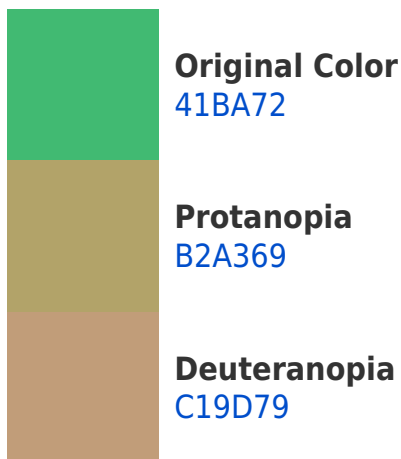


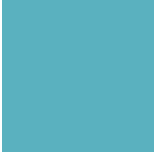
This preview shows how white text looks on a background with the Hex color 41BA72.

# 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](#).

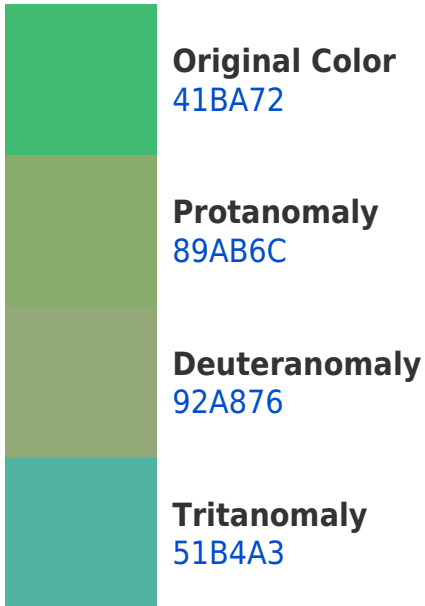
## Dichromacy



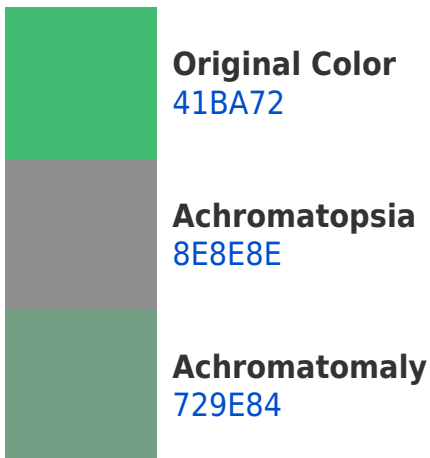


**Tritanopia**  
5AB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41BA72 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 #41BA72 looks like.

```
.text, #text, p{  
    color:#41BA72  
}
```

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 #41BA72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41BA72
}
```

## Border

The CSS property to change the border of an element to Hex 41BA72 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
#41BA72 }
```

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

```
.border{ border-color:#41BA72 }
```

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

Here you see how a box with a 4 pixel #41BA72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41BA72; -webkit-box-shadow:4px 4px  
4px 4px #41BA72; box-shadow:4px 4px 4px  
4px #41BA72 }
```

# Background

The CSS property to change the background color of an element to Hex 41BA72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41BA72 }
```

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

```
.background{ background-color:#41BA72 }
```

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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