

# Converting Colors

Hex(ABBF60)

Have a look what the booklet for  
Hex(ABBF60) contains.

<b>Hex(ABBF60)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ABBF60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABBF60
RGB	171, 191, 96
RGB Percent	67%, 75%, 38%
CMY	0.3294, 0.2510, 0.6235
CMYK	0.10, 0.00, 0.50, 0.25
HSL	73°, 43%, 56%
HSV	73°, 50%, 75%
XYZ	37.5367, 46.7641, 18.1143
YIQ	174.1900, 18.5750, -33.7850

# Conversions

## Conversions Part 2

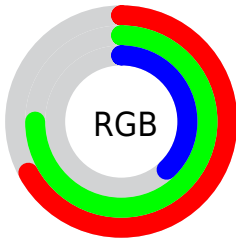
Format	Color
<a href="#">RYB</a>	<a href="#">96, 191, 116</a>
Decimal	<a href="#">11255648</a>
CIELab	<a href="#">74.04, -21.26, 45.24</a>
CIELCh	<a href="#">74, 49.987, 115.168</a>
Yxy	<a href="#">46.7641, 0.3665, 0.4566</a>
Android (android.graphics.Color)	<a href="#">4289445728 (0xFFABBF60)</a>
YUV	<a href="#">174.1900, -38.5477, -2.7976</a>
Hunter-Lab	<a href="#">68.3843, -21.6922, 32.1636</a>

# Details

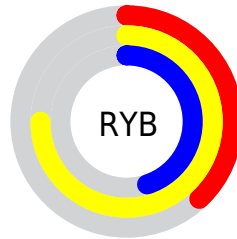
The Hex color **ABBF60** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7460BF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E4F795**, and **758A2D** is the 20% darker color. If you saturate the color by 10%, you get **A7BF4D**, and if you desaturate by 10%, it is **AFBF73**.

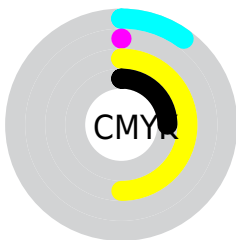
# Distribution



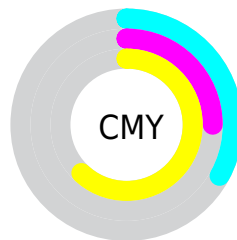
- Red (67%)
- Green (75%)
- Blue (38%)



- Red (38%)
- Yellow (75%)
- Blue (45%)



- Cyan (10%)
- Magenta (0%)
- Yellow (50%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABBF60 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 ABBF60 by changing the saturation by 10% instead.



 ABBF60

 ABBF60

FFFFFF

 90A447

 E4F795

 758A2D

 FFFFB0

 5B7012

 FFFFCC

 415800

 FFFFFE9

 294000

 0E2A00

 001700

 000000

 ABBF60

 ABBF60

 A7BF4D

 AFBF73

 A3BF3A

 B3BF86

 9FBF27

 B7BF99

 9BBF14

 BBBFAC

 97BF01

 BFBFBF

 97BF00

 C3BFD3

 C7BFE6

 CBBFF9

 CFBFFF

# Harmonies

## Analogous

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



D8B159



ABBF60



74C880

# Triad

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



ABBF60



00C8FF



FF91BF

# Complementary

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



ABBF60



7460BF

# 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.



E89BEB



ABBF60



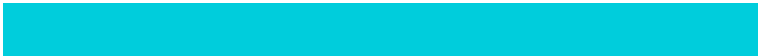
55BDFF

# Square

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



ABBF60



00CDDC



AEADFF



FF9391

# Rectangle

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



ABBF60



40CC9D



AEADFF



FF93CF

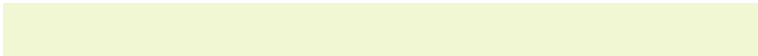


# Sweetspot

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



ABBF60



F0F7D2



BF7360



787D66



FCFCFC



7D7D7D



# Same Dimension

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



ABBF60



D8F763



7DBF60



5C5E55



7D9E00



181F00



# Inverse Universe

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



7460BF



8263F7



A360BF



57555E



21009E



06001F



# Previews

## White Background



This preview shows how the Hex color ABBF60 looks on a white background.

## Color Contrast Check

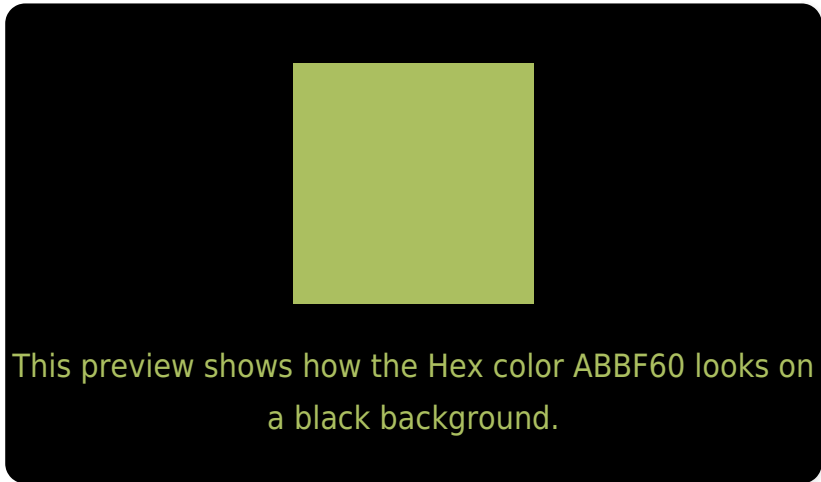
Large Text (above 18pt) WCAG AA × Fail

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 ABBF60 Background



This preview shows how black text looks on a background with the Hex color ABBF60.

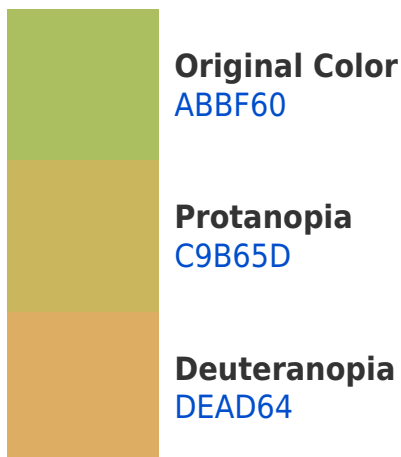


This preview shows how white text looks on a background with the Hex color ABBF60.

# 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](#).

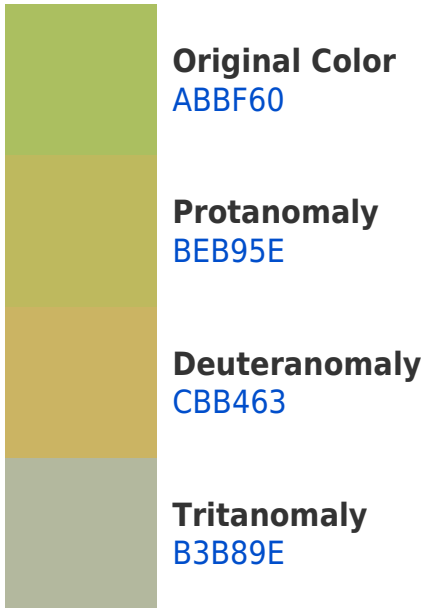
## Dichromacy





**Tritanopia**  
B7B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABBF60 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 #ABBF60 looks like.

```
.text, #text, p{  
    color:#ABBF60  
}
```

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 #ABBF60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABBF60
}
```

## Border

The CSS property to change the border of an element to Hex ABBF60 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
#ABBF60 }
```

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

```
.border{ border-color:#ABBF60 }
```

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

Here you see how a box with a 4 pixel #ABBF60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABBF60; -webkit-box-shadow:4px 4px  
4px 4px #ABBF60; box-shadow:4px 4px 4px  
4px #ABBF60 }
```

# Background

The CSS property to change the background color of an element to Hex ABBF60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABBF60 }
```

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

```
.background{ background-color:#ABBF60 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor