

# Converting Colors

Hex(ABB659)

Have a look what the booklet for  
Hex(ABB659) contains.

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**Color**

**Hex(ABB659)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABB659
RGB	171, 182, 89
RGB Percent	67%, 71%, 35%
CMY	0.3294, 0.2863, 0.6510
CMYK	0.06, 0.00, 0.51, 0.29
HSL	67°, 39%, 53%
HSV	67°, 51%, 71%
XYZ	35.3257, 42.8351, 15.8573
YIQ	168.1090, 23.2970, -31.2550

# Conversions

## Conversions Part 2

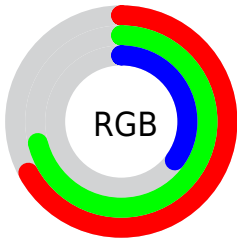
Format	Color
<a href="#">RYB</a>	<a href="#">89, 182, 100</a>
Decimal	<a href="#">11253337</a>
CIELab	<a href="#">71.44, -17.42, 45.54</a>
CIELCh	<a href="#">71, 48.756, 110.932</a>
Yxy	<a href="#">42.8351, 0.3757, 0.4556</a>
Android (android.graphics.Color)	<a href="#">4289443417 (0xFFABB659)</a>
YUV	<a href="#">168.1090, -39.0007, 2.5354</a>
Hunter-Lab	<a href="#">65.4485, -18.1899, 31.4488</a>

# Details

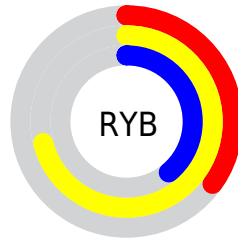
The Hex color **ABB659** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **6459B6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E4EE8D**, and **758126** is the 20% darker color. If you saturate the color by 10%, you get **A9B647**, and if you desaturate by 10%, it is **ADB66B**.

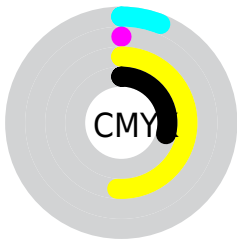
# Distribution



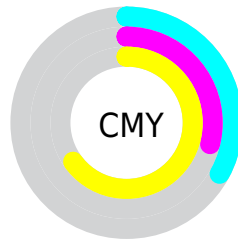
- Red (67%)
- Green (71%)
- Blue (35%)



- Red (35%)
- Yellow (71%)
- Blue (39%)



- Cyan (6%)
- Magenta (0%)
- Yellow (51%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABB659 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 ABB659 by changing the saturation by 10% instead.



 ABB659

 ABB659

FFFFFF

 8F9B40

 E4EE8D

 758126

 FFFFA8

 5B6808

 FFFFC4

 415000

 FFFFE1

 293900

FFFFFFE

 0F2400

 000A00

 000000

 ABB659

 ABB659

 A9B647

 ADB66B

 A7B635

 AFB67D

 A5B622

 B1B690

 A2B610

 B4B6A2

 A0B600

 B6B6B4

 B8B6C6

 BAB6D8

 BCB6EB

 BEB6FD

# Harmonies

## Analogous

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



D6A856



ABB659



77C075

# Triad

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



ABB659



00C1F3



FB8BBE

# Complementary

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



ABB659



6459B6

# 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.



D997E7



ABB659



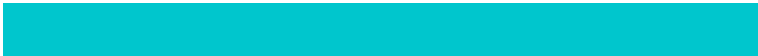
3EB8FF

# Square

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



ABB659



00C6CD



9DA9FF



FF8C92

# Rectangle

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



ABB659



49C490



9DA9FF



F28ECD



# Sweetspot

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



ABB659



E9EDCA



B66459



757862



F7F7F7



787878



# Same Dimension

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



ABB659



DCED5C



7DB659



5B5C53



899C00



191C00



# Inverse Universe

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



6459B6



6E5CED



9259B6



54535C



12009C



03001C



# Previews

## White Background



This preview shows how the Hex color ABB659 looks on a white background.

## Color Contrast Check

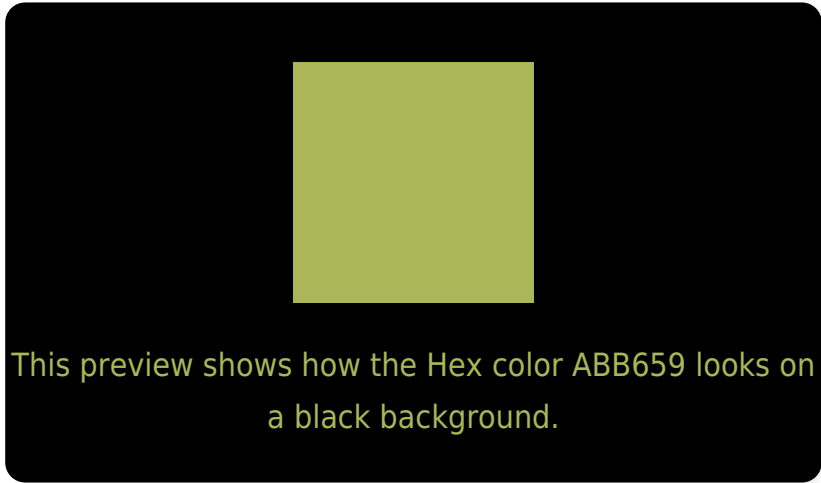
Large Text (above 18pt) WCAG AA × Fail

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

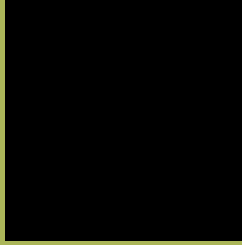
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABB659 Background



This preview shows how black text looks on a background with the Hex color ABB659.



This preview shows how white text looks on a background with the Hex color ABB659.

# 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



**Original Color**  
ABB659

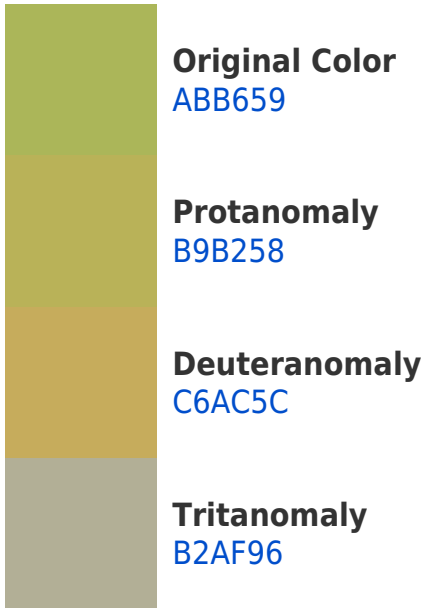
**Protanopia**  
C1AF57

**Deuteranopia**  
D6A75D



**Tritanopia**  
B6ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABB659 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 #ABB659 looks like.

```
.text, #text, p{  
    color:#ABB659  
}
```

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 #ABB659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABB659
}
```

## Border

The CSS property to change the border of an element to Hex ABB659 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
#ABB659 }
```

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

```
.border{ border-color:#ABB659 }
```

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

Here you see how a box with a 4 pixel #ABB659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABB659; -webkit-box-shadow:4px 4px  
4px 4px #ABB659; box-shadow:4px 4px 4px  
4px #ABB659 }
```

# Background

The CSS property to change the background color of an element to Hex ABB659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABB659 }
```

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

```
.background{ background-color:#ABB659 }
```

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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