

Converting Colors

Hex(ABB644)

Have a look what the booklet for
Hex(ABB644) contains.

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Color

Hex(ABB644)

Conversions

Conversions Part 1

Format	Color
Hex	ABB644
RGB	171, 182, 68
RGB Percent	67%, 71%, 27%
CMY	0.3294, 0.2863, 0.7333
CMYK	0.06, 0.00, 0.63, 0.29
HSL	66°, 46%, 49%
HSV	66°, 63%, 71%
XYZ	34.5659, 42.5312, 11.8564
YIQ	165.7150, 30.0380, -37.7860

Conversions

Conversions Part 2

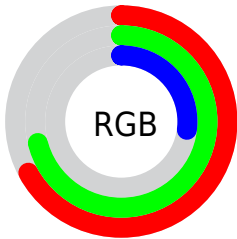
Format	Color
RYB	68, 182, 79
Decimal	11253316
CIELab	71.24, -19.12, 54.90
CIELCh	71, 58.135, 109.202
Yxy	42.5312, 0.3886, 0.4781
Android (android.graphics.Color)	4289443396 (0xFFABB644)
YUV	165.7150, -48.1735, 4.6349
Hunter-Lab	65.2159, -19.5188, 34.8721

Details

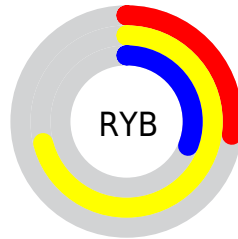
The Hex color **ABB644** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4F44B6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E5EE79**, and **748105** is the 20% darker color. If you saturate the color by 10%, you get **A9B632**, and if you desaturate by 10%, it is **ADB656**.

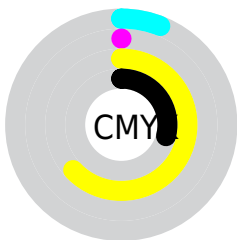
Distribution



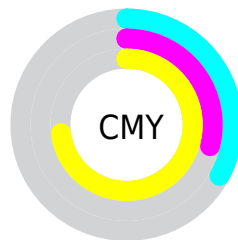
- Red (67%)
- Green (71%)
- Blue (27%)



- Red (27%)
- Yellow (71%)
- Blue (31%)



- Cyan (6%)
- Magenta (0%)
- Yellow (63%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABB644 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 ABB644 by changing the saturation by 10% instead.

 ABB644

 ABB644

FFFFFF

 8F9B29

 E5EE79

 748105

 FFFF94

 596800

 FFFF80

 405000

 FFFFCC

 253900

 FFFFEE

 0B2400

 000800

 000000

 ABB644

 ABB644

 A9B632

 ADB656

 A7B620

 AFB668

 A6B60D

 B0B67B

 A4B600

 B2B68D

 B4B69F

 B6B6B1

 B7B6C3

 B9B6D6

 BBB6E8

Harmonies

Analogous

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



DCA542



ABB644



6DC166

Triad

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



ABB644



00C4FE



FF82C4

Complementary

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



ABB644



4F44B6

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.



DC93F4



ABB644



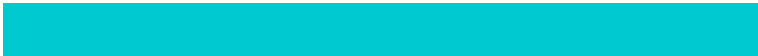
00BAFF

Square

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



ABB644



00C9D0



90A8FF



FF818F

Rectangle

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



ABB644



24C687



90A8FF



FC86D5

Sweetspot

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



ABB644



E9EDC0



B64E44



75785C



F7F7F7



787878

Same Dimension

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



ABB644



DCED3B



74B644



5B5C53



8D9C00



191C00

Inverse Universe

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



4F44B6



4C3BED



8644B6



54535C



0F009C



03001C

Previews

White Background



This preview shows how the Hex color ABB644 looks on a white background.

Color Contrast Check

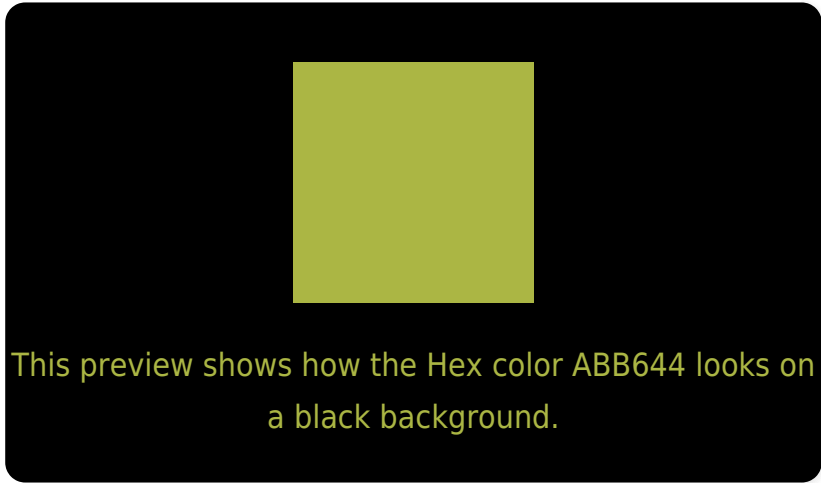
Large Text (above 18pt) WCAG AA × Fail

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 ABB644 Background



This preview shows how black text looks on a background with the Hex color ABB644.



This preview shows how white text looks on a background with the Hex color ABB644.

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
ABB644

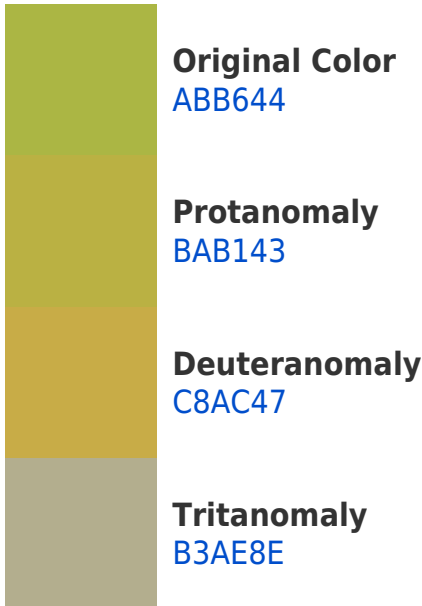
Protanopia
C2AE42

Deuteranopia
D8A649

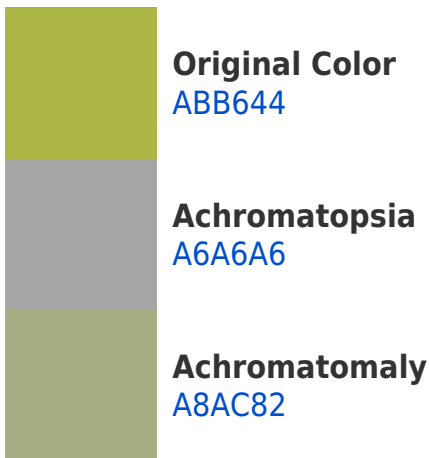


Tritanopia
B7AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ABB644 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 #ABB644 looks like.

```
.text, #text, p{  
    color:#ABB644  
}
```

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 #ABB644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABB644  
}
```

Border

The CSS property to change the border of an element to Hex ABB644 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  
#ABB644 }
```

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

```
.border{ border-color:#ABB644 }
```

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

Here you see how a box with a 4 pixel #ABB644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABB644; -webkit-box-shadow:4px 4px  
4px 4px #ABB644; box-shadow:4px 4px 4px  
4px #ABB644 }
```

Background

The CSS property to change the background color of an element to Hex ABB644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABB644 }
```

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

```
.background{ background-color:#ABB644 }
```

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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