

Converting Colors

Hex(AFB53A)

Have a look what the booklet for
Hex(AFB53A) contains.

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Color

Hex(AFB53A)

Conversions

Conversions Part 1

Format	Color
Hex	AFB53A
RGB	175, 181, 58
RGB Percent	69%, 71%, 23%
CMY	0.3137, 0.2902, 0.7725
CMYK	0.03, 0.00, 0.68, 0.29
HSL	63°, 51%, 47%
HSV	63°, 68%, 71%
XYZ	34.9668, 42.4672, 10.3570
YIQ	165.1840, 35.9070, -39.5250

Conversions

Conversions Part 2

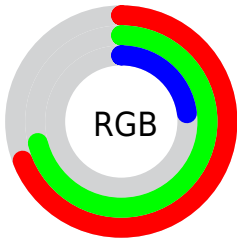
Format	Color
RYB	58, 181, 64
Decimal	11515194
CIELab	71.19, -17.56, 59.03
CIELCh	71, 61.590, 106.564
Yxy	42.4672, 0.3983, 0.4837
Android (android.graphics.Color)	4289705274 (0xFFAFB53A)
YUV	165.1840, -52.8417, 8.6086
Hunter-Lab	65.1669, -18.2637, 36.1938

Details

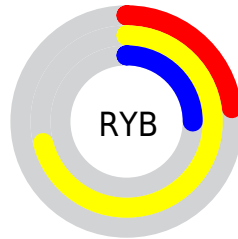
The Hex color **AFB53A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **403AB5**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E9ED70**, and **778000** is the 20% darker color. If you saturate the color by 10%, you get **AEB528**, and if you desaturate by 10%, it is **B0B54C**.

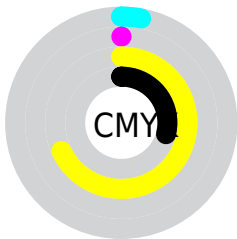
Distribution



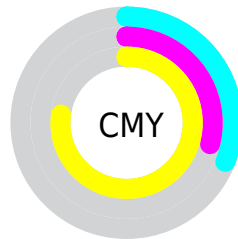
- Red (69%)
- Green (71%)
- Blue (23%)



- Red (23%)
- Yellow (71%)
- Blue (25%)



- Cyan (3%)
- Magenta (0%)
- Yellow (68%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFB53A 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 AFB53A by changing the saturation by 10% instead.

 AFB53A

 AFB53A

FFFFFF

 939A1C

 E9ED70

 778000

 FFFF8B

 5C6700

 FFFFA7

 424F00

 FFFFC3

 283900

 FFFFEO

 0E2300

FFFFFFD

 000800

 000000

 AFB53A

 AFB53A

 AEB528

 B0B54C

 ADB516

 B1B55E

 ACB504

 B2B570

 ACB500

 B3B582

 B3B595

 B4B5A7

 B5B5B9

 B6B5CB

 B7B5DD

Harmonies

Analogous

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



E2A23C



AFB53A



6EC15D

Triad

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



AFB53A



00C6FF



FF7FCA

Complementary

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



AFB53A



403AB5

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.



D992FC



AFB53A



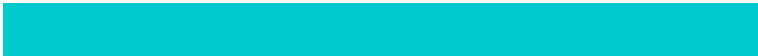
00BCFF

Square

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



AFB53A



00CACD



82AAFF



FF7D91

Rectangle

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



AFB53A



20C77F



82AAFF



FC84DC

Sweetspot

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



AFB53A



E8EBBC



B53E3A



747559



F5F5F5



757575

Same Dimension

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



AFB53A



E1EB2A



73B53A



595950



929900



181A00

Inverse Universe

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



403AB5



342AEB



7C3AB5



515059



070099



01001A

Previews

White Background



This preview shows how the Hex color AFB53A looks on a white background.

Color Contrast Check

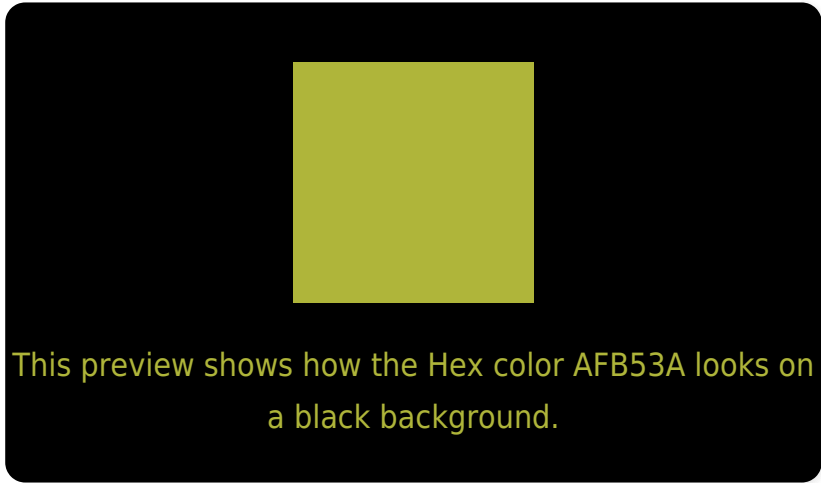
Large Text (above 18pt) WCAG AA × Fail

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 AFB53A Background



This preview shows how black text looks on a background with the Hex color AFB53A.

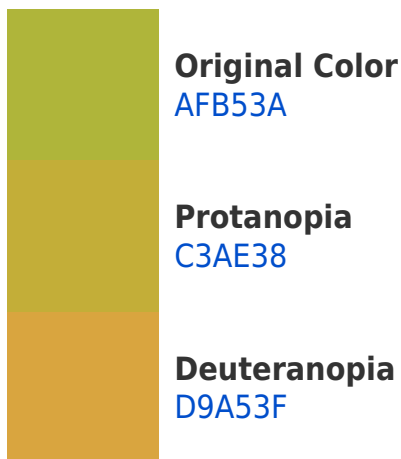


This preview shows how white text looks on a background with the Hex color AFB53A.

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](#).

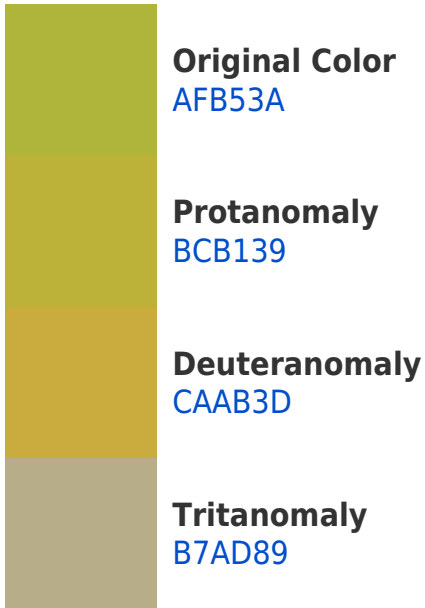
Dichromacy



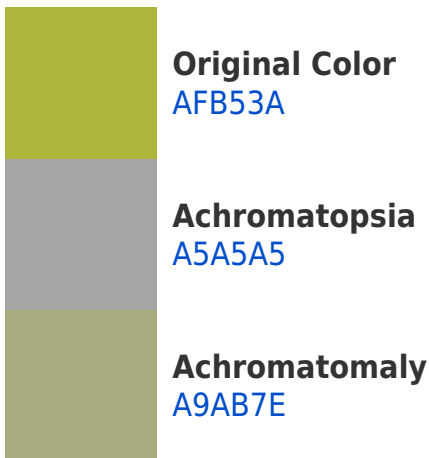


Tritanopia
BBA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFB53A 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 #AFB53A looks like.

```
.text, #text, p{  
    color:#AFB53A  
}
```

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 #AFB53A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB53A
}
```

Border

The CSS property to change the border of an element to Hex AFB53A 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
#AFB53A }
```

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

```
.border{ border-color:#AFB53A }
```

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

Here you see how a box with a 4 pixel #AFB53A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB53A; -webkit-box-shadow:4px 4px  
4px 4px #AFB53A; box-shadow:4px 4px 4px  
4px #AFB53A }
```

Background

The CSS property to change the background color of an element to Hex AFB53A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB53A }
```

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

```
.background{ background-color:#AFB53A }
```

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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