

Converting Colors

Hex(AFC465)

Have a look what the booklet for
Hex(AFC465) contains.

Hex(AFC465)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AFC465)

Conversions

Conversions Part 1

Format	Color
Hex	AFC465
RGB	175, 196, 101
RGB Percent	69%, 77%, 40%
CMY	0.3137, 0.2314, 0.6039
CMYK	0.11, 0.00, 0.48, 0.23
HSL	73°, 45%, 58%
HSV	73°, 48%, 77%
XYZ	39.7681, 49.5334, 19.7768
YIQ	178.8910, 17.9790, -33.9970

Conversions

Conversions Part 2

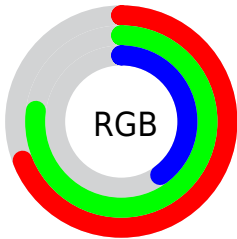
Format	Color
RYB	101, 196, 122
Decimal	11519077
CIELab	75.78, -21.64, 44.98
CIELCh	76, 49.916, 115.696
Yxy	49.5334, 0.3646, 0.4541
Android (android.graphics.Color)	4289709157 (0xFFAFC465)
YUV	178.8910, -38.4003, -3.4124
Hunter-Lab	70.3800, -22.3038, 32.6054

Details

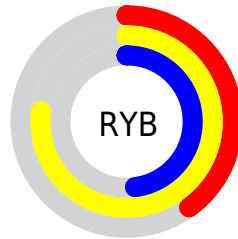
The Hex color **AFC465** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7A65C4**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E8FD9A**, and **798E32** is the 20% darker color. If you saturate the color by 10%, you get **ABC451**, and if you desaturate by 10%, it is **B3C479**.

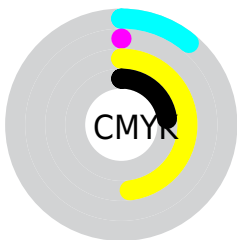
Distribution



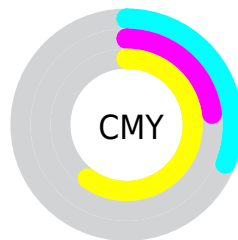
- Red (69%)
- Green (77%)
- Blue (40%)



- Red (40%)
- Yellow (77%)
- Blue (48%)



- Cyan (11%)
- Magenta (0%)
- Yellow (48%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFC465 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 AFC465 by changing the saturation by 10% instead.

 AFC465

 AFC465

FFFFFF

 93A94B

 E8FD9A

 798E32

 FFFFB5

 5E7518

 FFFFFD1

 455C00

 FFFFFEE

 2D4400

 122E00

 001B00

 000000

 AFC465

 AFC465

 ABC451

 B3C479

 A6C43E

 B8C48C

 A2C42A

 BCC4A0

 9EC417

 C0C4B3

 99C403

 C5C4C7

 99C400

 C9C4DB

 CDC4EE

 D2C4FF

 D6C4FF

Harmonies

Analogous

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



DDB65D



AFC465



77CD85

Triad

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



AFC465



00CDFE



FF95C3

Complementary

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



AFC465



7A65C4

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.



EEA0EF



AFC465



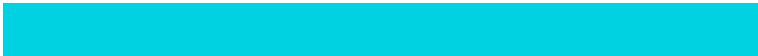
5DC2FF

Square

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



AFC465



00D2E1



B4B1FF



FF9895

Rectangle

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



AFC465



45D1A2



B4B1FF



FF98D3

Sweetspot

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



AFC465



F7FFD9



C47A65



7A8069



000000



808080

Same Dimension

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



AFC465



DEFF6B



80C465



5F6157



7DA100



1A2100

Inverse Universe

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



7A65C4



8C6BFF



A965C4



595761



2400A1



070021

Previews

White Background



This preview shows how the Hex color AFC465 looks on a white background.

Color Contrast Check

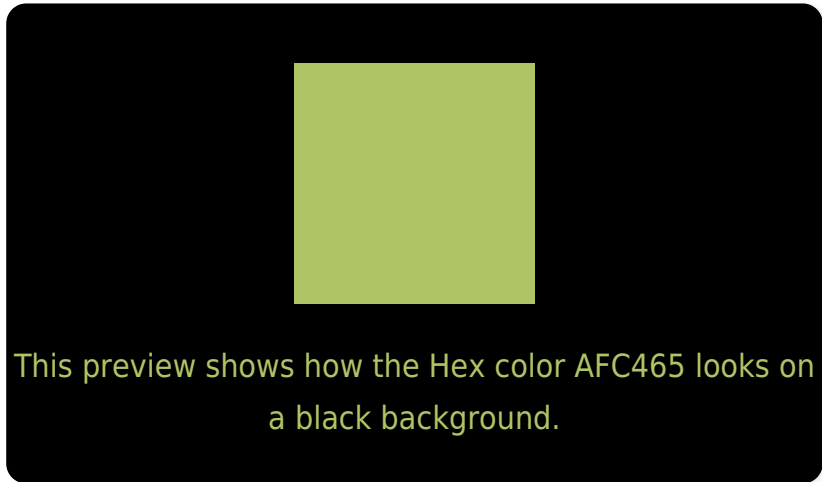
Large Text (above 18pt) WCAG AA × Fail

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 AFC465 Background



This preview shows how black text looks on a background with the Hex color AFC465.

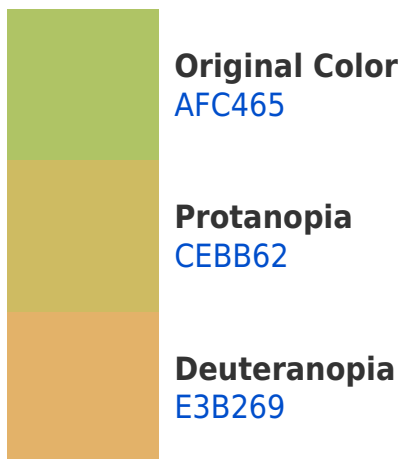


This preview shows how white text looks on a background with the Hex color AFC465.

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](#).

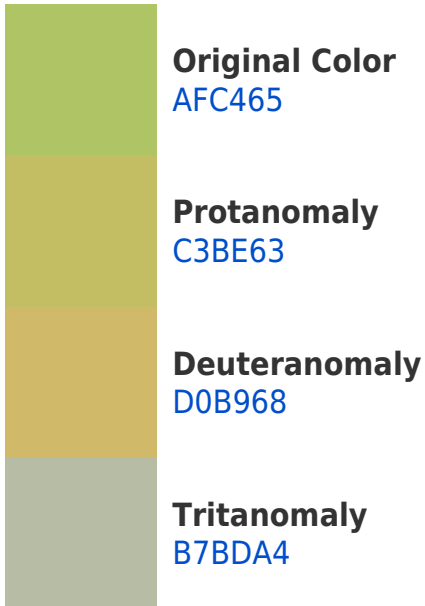
Dichromacy





Tritanopia
BBB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFC465 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 #AFC465 looks like.

```
.text, #text, p{  
    color:#AFC465  
}
```

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 #AFC465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFC465
}
```

Border

The CSS property to change the border of an element to Hex AFC465 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
#AFC465 }
```

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

```
.border{ border-color:#AFC465 }
```

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

Here you see how a box with a 4 pixel #AFC465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFC465; -webkit-box-shadow:4px 4px  
4px 4px #AFC465; box-shadow:4px 4px 4px  
4px #AFC465 }
```

Background

The CSS property to change the background color of an element to Hex AFC465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFC465 }
```

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

```
.background{ background-color:#AFC465 }
```

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