

Converting Colors

Hex(4AC256)

Have a look what the booklet for
Hex(4AC256) contains.

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Color

Hex(4AC256)

Conversions

Conversions Part 1

Format	Color
Hex	4AC256
RGB	74, 194, 86
RGB Percent	29%, 76%, 34%
CMY	0.7098, 0.2392, 0.6627
CMYK	0.62, 0.00, 0.56, 0.24
HSL	126°, 50%, 53%
HSV	126°, 62%, 76%
XYZ	23.7955, 40.7113, 15.4080
YIQ	145.8080, -36.8520, -59.0280

Conversions

Conversions Part 2

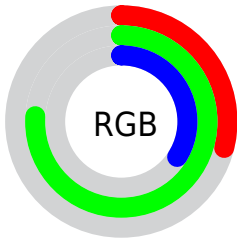
Format	Color
RYB	74, 183, 194
Decimal	4899414
CIELab	69.97, -55.44, 44.01
CIELCh	70, 70.787, 141.560
Yxy	40.7113, 0.2978, 0.5094
Android (android.graphics.Color)	4283089494 (0xFF4AC256)
YUV	145.8080, -29.4853, -62.9756
Hunter-Lab	63.8054, -45.0898, 30.3462

Details

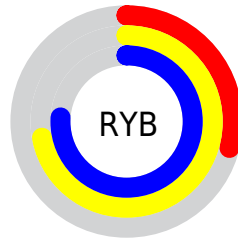
The Hex color **4AC256** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C24AB6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **86FB8A**, and **008B22** is the 20% darker color. If you saturate the color by 10%, you get **37C245**, and if you desaturate by 10%, it is **5DC267**.

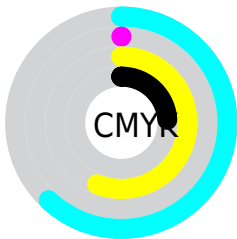
Distribution



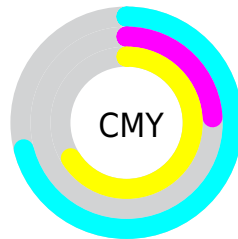
- Red (29%)
- Green (76%)
- Blue (34%)



- Red (29%)
- Yellow (72%)
- Blue (76%)



- Cyan (62%)
- Magenta (0%)
- Yellow (56%)
- Black (24%)



- Cyan (71%)
- Magenta (24%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AC256 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 4AC256 by changing the saturation by 10% instead.

 4AC256

 4AC256

FFFFFF

 26A63C

 86FB8A

 008B22

 A4FFA6

 007102

 C1FFC1

 005700

 DFFFDE

 003E00

 FDFFFB

 002800

 000000

 4AC256

 4AC256

 37C245

 5DC267

 23C233

 71C279

 10C222

 84C28A

 00C213

 98C29C

 ABC2AD

 BEC2BF

 D2C2D0

 E5C2E2

 F9C2F3

Harmonies

Analogous

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



9EB620



4AC256



00C896

Triad

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



4AC256



00B8FF



FF7080

Complementary

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



4AC256



C24AB6

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.



FF6EC0



4AC256



88A2FF

Square

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



4AC256



00C4FF



E785FC



FF8746

Rectangle

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



4AC256



00C9C3



E785FC



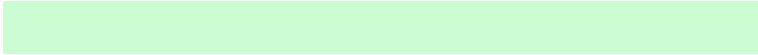
FF6C95

Sweetspot

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



4AC256



CCFCD1



B6C24A



628065



000000



808080

Same Dimension

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



4AC256



42FC54



4AC292



576158



00A110



002103

Inverse Universe

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



C24AB6



FC42EA



C24A7A



615760



A10091



21001E

Previews

White Background



This preview shows how the Hex color 4AC256 looks on a white background.

Color Contrast Check

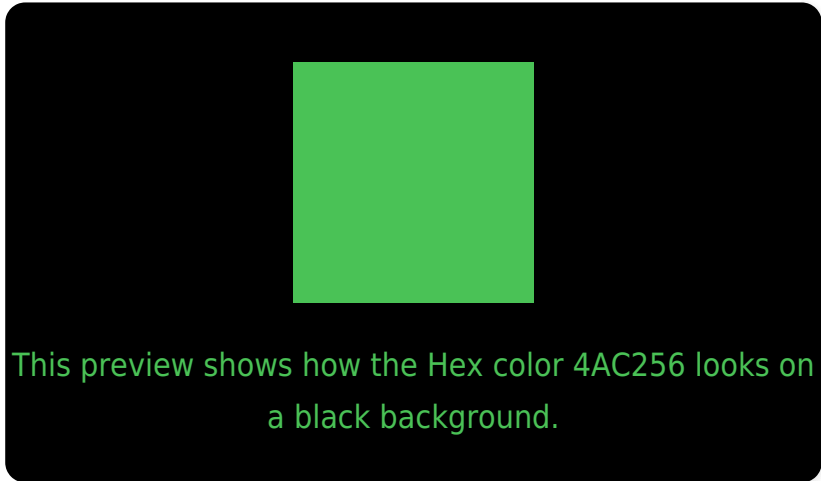
Large Text (above 18pt) WCAG AA × Fail

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

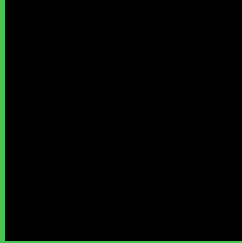
Any Text WCAG AA ✓ Pass

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 4AC256 Background



This preview shows how black text looks on a background with the Hex color 4AC256.

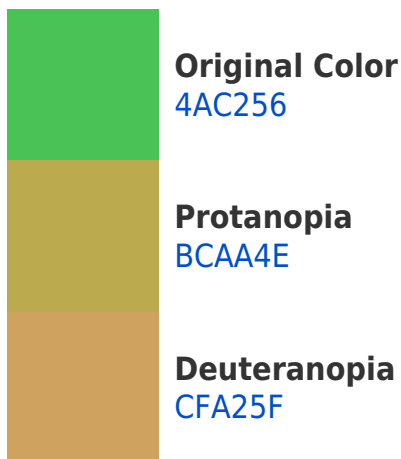


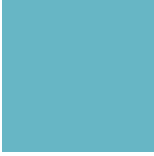
This preview shows how white text looks on a background with the Hex color 4AC256.

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
67B6C5

Trichromacy



Original Color
4AC256



Protanomaly
93B351



Deuteranomaly
9FAE5C



Tritanomaly
5CBA9D

Monochromacy



Original Color
4AC256



Achromatopsia
929292



Achromatomaly
78A37C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AC256 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 #4AC256 looks like.

```
.text, #text, p{  
    color:#4AC256  
}
```

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 #4AC256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC256
}
```

Border

The CSS property to change the border of an element to Hex 4AC256 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
#4AC256 }
```

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

```
.border{ border-color:#4AC256 }
```

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

Here you see how a box with a 4 pixel #4AC256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC256; -webkit-box-shadow:4px 4px  
4px 4px #4AC256; box-shadow:4px 4px 4px  
4px #4AC256 }
```

Background

The CSS property to change the background color of an element to Hex 4AC256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC256 }
```

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

```
.background{ background-color:#4AC256 }
```

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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