

Converting Colors

Hex(AC46E2)

Have a look what the booklet for
Hex(AC46E2) contains.

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Color

Hex(AC46E2)

Conversions

Conversions Part 1

Format	Color
Hex	AC46E2
RGB	172, 70, 226
RGB Percent	67%, 27%, 89%
CMY	0.3255, 0.7255, 0.1137
CMYK	0.24, 0.69, 0.00, 0.11
HSL	279°, 73%, 58%
HSV	279°, 69%, 89%
XYZ	32.9309, 18.6420, 73.8141
YIQ	118.2820, 10.7160, 70.1400

Conversions

Conversions Part 2

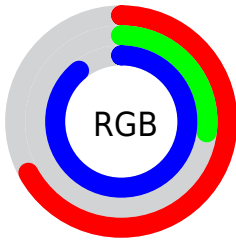
Format	Color
RYB	172, 70, 226
Decimal	11290338
CIELab	50.27, 65.55, -61.44
CIELCh	50, 89.843, 316.852
Yxy	18.6420, 0.2626, 0.1487
Android (android.graphics.Color)	4289480418 (0xFFAC46E2)
YUV	118.2820, 53.1050, 47.1107
Hunter-Lab	43.1763, 60.5846, -71.1385

Details

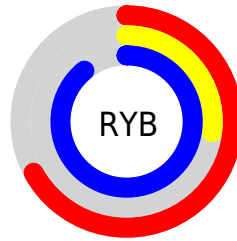
The Hex color **AC46E2** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **7CE246**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E77EFF**, and **7200AA** is the 20% darker color. If you saturate the color by 10%, you get **A42FE2**, and if you desaturate by 10%, it is **B45DE2**.

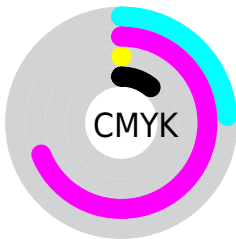
Distribution



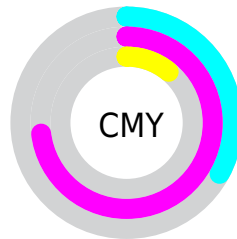
- Red (67%)
- Green (27%)
- Blue (89%)



- Red (67%)
- Yellow (27%)
- Blue (89%)



- Cyan (24%)
- Magenta (69%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (73%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC46E2 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 AC46E2 by changing the saturation by 10% instead.

 AC46E2

 AC46E2

FFFFFF

 8F28C5

 E77EF2

 7200AA

 FF9AFF

 56008E

 FFB6FF

 390074

 FFD3FF

 1D005B

 FFF0FF

 000042

 00032B

 000115

 000000

■ AC46E2

■ AC46E2

■ A42FE2

■ B45DE2

■ 9C19E2

■ BC73E2

■ 9502E2

■ C38AE2

■ 9400E2

■ CBA0E2

■ D3B7E2

■ DBCEE2

■ E3E4E2

■ EBFBE2

■ F2FFE2

Harmonies

Analogous

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



0073FF



AC46E2



EB009D

Triad

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



AC46E2



AD6800



0096A2

Complementary

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



AC46E2



7CE246

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.



009452



AC46E2



6A8100

Square

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



AC46E2



DF3A00



008E00



0095E7

Rectangle

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



AC46E2



F8006A



008E00



009688

Sweetspot

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



AC46E2



ECC9FF



467DE2



746080



000000



808080

Same Dimension

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



AC46E2



B62BFF



E246CB



6C6570



7300B0



200030

Inverse Universe

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



E2467C



FF2B75



46E25D



706569



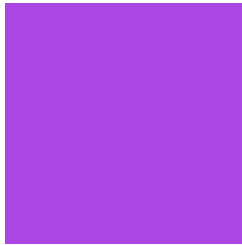
B0003D



300011

Previews

White Background



This preview shows how the Hex color AC46E2 looks on a white background.

Color Contrast Check

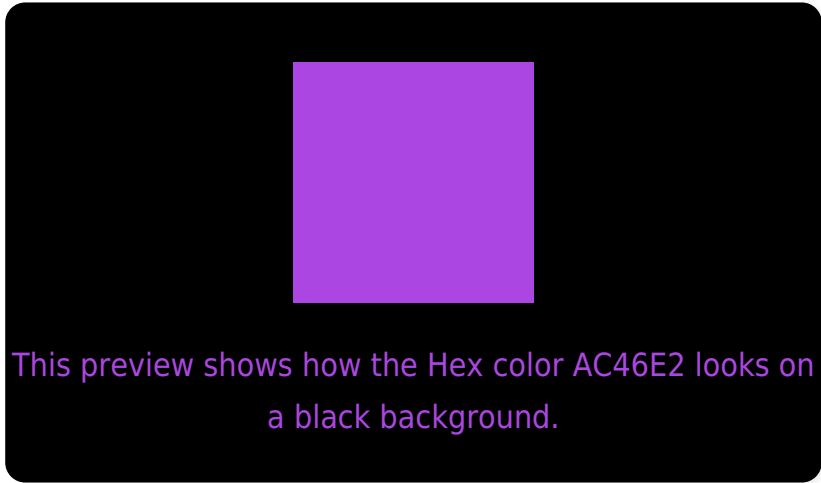
Large Text (above 18pt) WCAG AA ✓ Pass

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

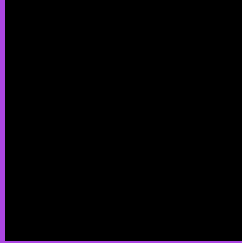
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AC46E2 Background



This preview shows how black text looks on a background with the Hex color AC46E2.

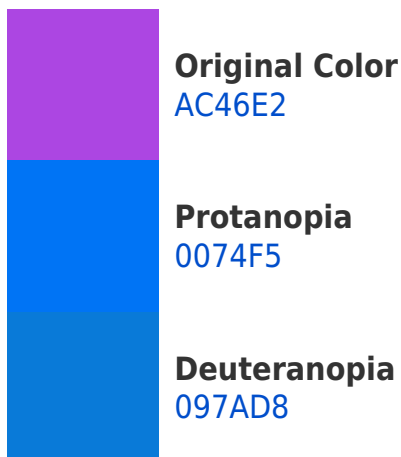



This preview shows how white text looks on a background with the Hex color AC46E2.

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](#).

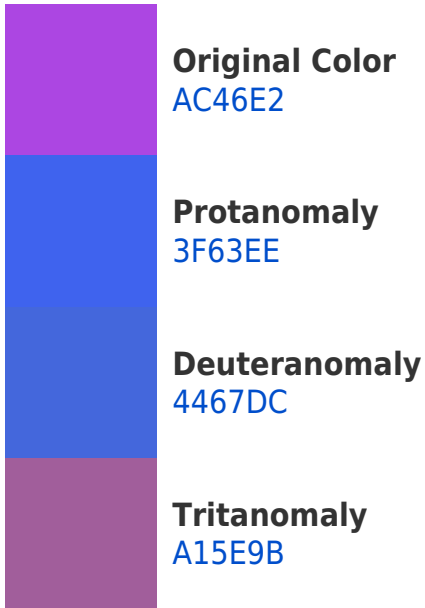
Dichromacy



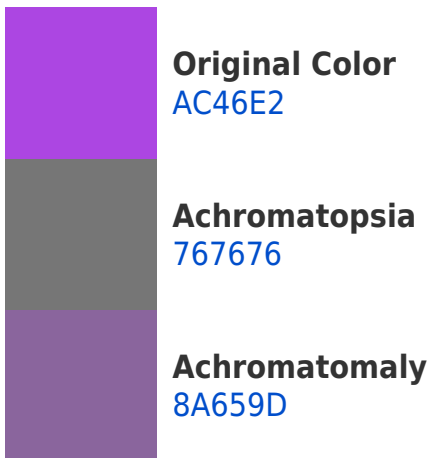


Tritanopia
9A6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC46E2 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 #AC46E2 looks like.

```
.text, #text, p{  
    color:#AC46E2  
}
```

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 #AC46E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC46E2
}
```

Border

The CSS property to change the border of an element to Hex AC46E2 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
#AC46E2 }
```

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

```
.border{ border-color:#AC46E2 }
```

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

Here you see how a box with a 4 pixel #AC46E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC46E2; -webkit-box-shadow:4px 4px  
4px 4px #AC46E2; box-shadow:4px 4px 4px  
4px #AC46E2 }
```

Background

The CSS property to change the background color of an element to Hex AC46E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC46E2 }
```

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

```
.background{ background-color:#AC46E2 }
```

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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