

Converting Colors

Hex(AC4580)

Have a look what the booklet for
Hex(AC4580) contains.

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Color

Hex(AC4580)

Conversions

Conversions Part 1

Format	Color
Hex	AC4580
RGB	172, 69, 128
RGB Percent	67%, 27%, 50%
CMY	0.3255, 0.7294, 0.4980
CMYK	0.00, 0.60, 0.26, 0.33
HSL	326°, 43%, 47%
HSV	326°, 60%, 67%
XYZ	23.0377, 14.5854, 22.0231
YIQ	106.5230, 42.4490, 40.1850

Conversions

Conversions Part 2

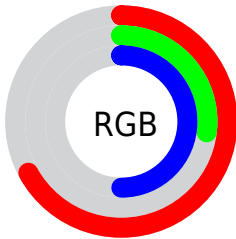
Format	Color
RYB	172, 69, 128
Decimal	11289984
CIELab	45.06, 48.55, -12.12
CIELCh	45, 50.044, 345.981
Yxy	14.5854, 0.3862, 0.2445
Android (android.graphics.Color)	4289480064 (0xFFAC4580)
YUV	106.5230, 10.5882, 57.4233
Hunter-Lab	38.1909, 40.8416, -7.4566

Details

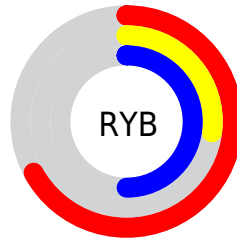
The Hex color **AC4580** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **45AC71**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **E67AB5**, and **74064F** is the 20% darker color. If you saturate the color by 10%, you get **AC3479**, and if you desaturate by 10%, it is **AC5687**.

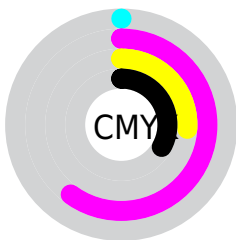
Distribution



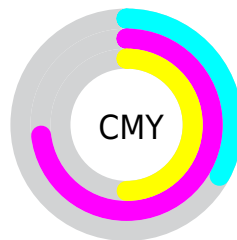
- Red (67%)
- Green (27%)
- Blue (50%)



- Red (67%)
- Yellow (27%)
- Blue (50%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC4580 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 AC4580 by changing the saturation by 10% instead.

 AC4580

 AC4580

FFFFFF

 902A67

 E67AB5

 74064F

 FF95D0

 590038

 FFB1ED

 3F0022

 FFCEFF

 27000A

 FFEAFF

 000000

 AC4580

 AC4580

 AC3479

 AC5687

 AC2371

 AC678F

■ AC116A

■ AC7996

■ AC0063

■ AC8A9D

■ AC9BA5

■ ACACAC

■ ACBDB3

■ ACCFBB

■ ACE0C2

Harmonies

Analogous

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



8955A5



AC4580



B64356

Triad

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



AC4580



6A6F0C



007CA6

Complementary

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



AC4580



45AC71

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.



007E80



AC4580



39782C

Square

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



AC4580



906210



007D55



0075BC

Rectangle

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



AC4580



B04B3C



007D55



007D9B

Sweetspot

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



AC4580



E0B8CF



7045AC



705866



F0F0F0



707070

Same Dimension

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



AC4580



E03F9B



AC454E



574E53



960056



17000D

Inverse Universe

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



AC4580



E03F9B



45ACA3



574E53



960056



17000D

Previews

White Background



This preview shows how the Hex color AC4580 looks on a white background.

Color Contrast Check

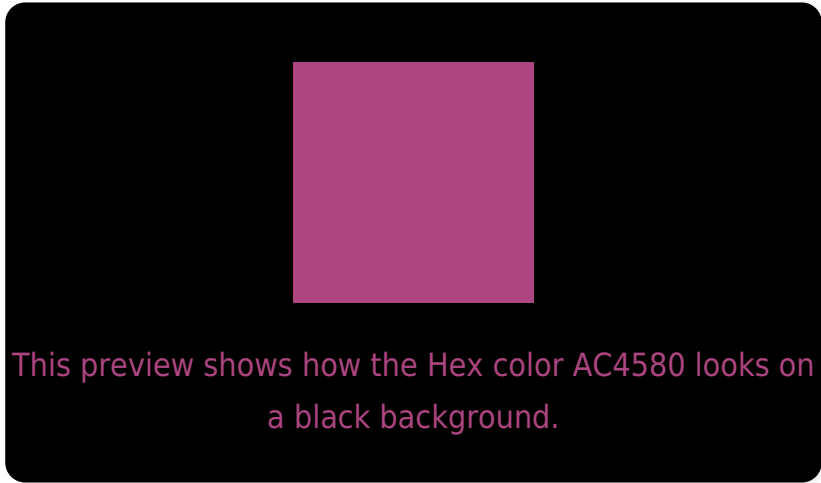
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex AC4580 Background



This preview shows how black text looks on a background with the Hex color AC4580.

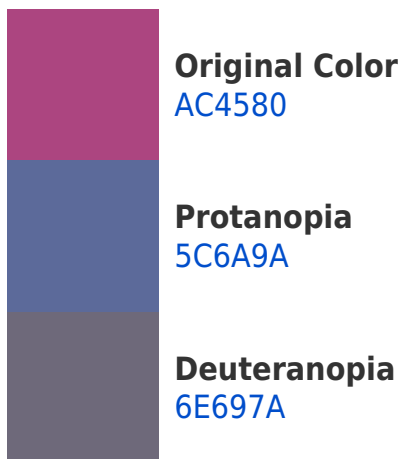


This preview shows how white text looks on a background with the Hex color AC4580.

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
A84F55

Trichromacy



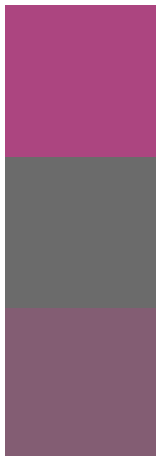
Original Color
AC4580

Protanomaly
795D91

Deuteranomaly
855C7C

Tritanomaly
A94B65

Monochromacy



Original Color
AC4580

Achromatopsia
6B6B6B

Achromatomaly
835D73

CSS Examples

Text

The CSS property to change the color of the text to Hex AC4580 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 #AC4580 looks like.

```
.text, #text, p{  
    color:#AC4580  
}
```

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 #AC4580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC4580
}
```

Border

The CSS property to change the border of an element to Hex AC4580 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
#AC4580 }
```

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

```
.border{ border-color:#AC4580 }
```

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

Here you see how a box with a 4 pixel #AC4580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC4580; -webkit-box-shadow:4px 4px  
4px 4px #AC4580; box-shadow:4px 4px 4px  
4px #AC4580 }
```

Background

The CSS property to change the background color of an element to Hex AC4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC4580 }
```

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

```
.background{ background-color:#AC4580 }
```

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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