

Converting Colors

Hex(AC5096)

Have a look what the booklet for
Hex(AC5096) contains.

Hex(AC5096)	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(AC5096)

Conversions

Conversions Part 1

Format	Color
Hex	AC5096
RGB	172, 80, 150
RGB Percent	67%, 31%, 59%
CMY	0.3255, 0.6863, 0.4118
CMYK	0.00, 0.53, 0.13, 0.33
HSL	314°, 37%, 49%
HSV	314°, 53%, 67%
XYZ	25.3869, 16.7100, 30.7415
YIQ	115.4880, 32.3620, 41.2740

Conversions

Conversions Part 2

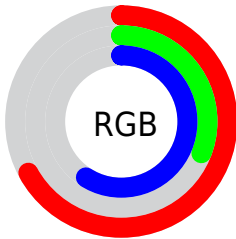
Format	Color
R_{YB}	172, 80, 150
Decimal	11292822
CIE _{Lab}	47.89, 46.60, -21.05
CIE _{LCh}	48, 51.136, 335.697
Yxy	16.7100, 0.3485, 0.2294
Android (android.graphics.Color)	4289482902 (0xFFAC5096)
YUV	115.4880, 17.0144, 49.5610
Hunter-Lab	40.8778, 39.3201, -15.9735

Details

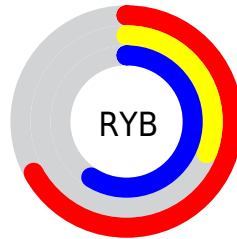
The Hex color **AC5096** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **50AC66**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **E585CC**, and **751A63** is the 20% darker color. If you saturate the color by 10%, you get **AC3F92**, and if you desaturate by 10%, it is **AC619A**.

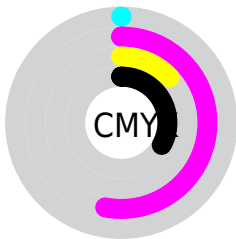
Distribution



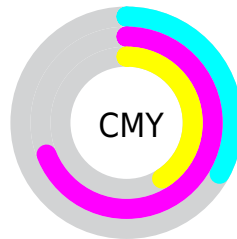
- Red (67%)
- Green (31%)
- Blue (59%)



- Red (67%)
- Yellow (31%)
- Blue (59%)



- Cyan (0%)
- Magenta (53%)
- Yellow (13%)
- Black (33%)



- Cyan (33%)
- Magenta (69%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC5096 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 AC5096 by changing the saturation by 10% instead.

 AC5096

 AC5096

FFFFFF

 90367C

 E585CC

 751A63

 FFA0E9

 5B004B

 FFBCFF

 410034

 FFD8FF

 2A001F

 FFF5FF

 000000

 AC5096

 AC5096

 AC3F92

 AC619A

 AC2E8E

 AC729E

 AC1C8A

 AC84A2

 AC0B86

 AC95A6

 AC0083

 ACA6AB

 ACB7AF

 ACC8B3

 ACDAB7

 ACEBBB

Harmonies

Analogous

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



7E63B8



AC5096



BF486B

Triad

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



AC5096



80720E



0085A3

Complementary

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



AC5096



50AC66

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.



008679



AC5096



537D25

Square

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



AC5096



A3621F



00844C



007FC0

Rectangle

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



AC5096



BE4C4F



00844C



008696

Sweetspot

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



AC5096



E0BCD8



6550AC



705B6B



F0F0F0



707070

Same Dimension

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



AC5096



E051BE



AC5069



574E55



960072



170011

Inverse Universe

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



AC5096



E051BE



50AC93



574E55



960072



170011

Previews

White Background



This preview shows how the Hex color AC5096 looks on a white background.

Color Contrast Check

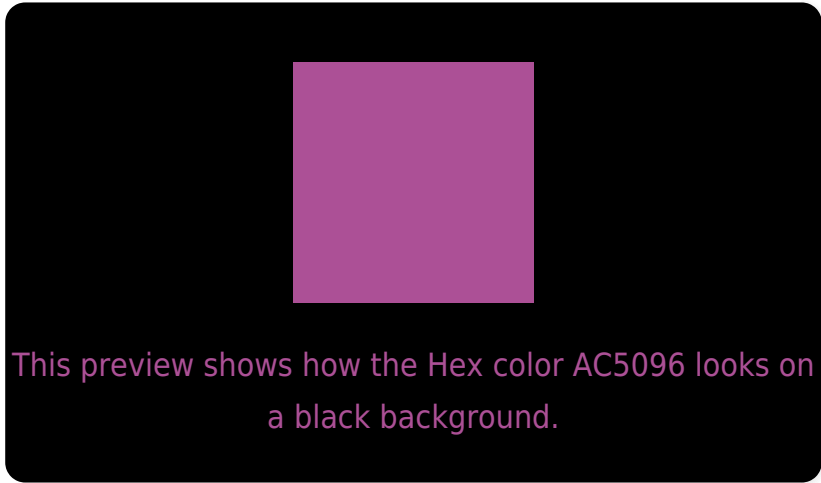
Large Text (above 18pt) WCAG AA ✓ Pass

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

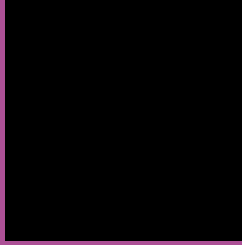
Any Text WCAG AA × Fail

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 AC5096 Background



This preview shows how black text looks on a background with the Hex color AC5096.

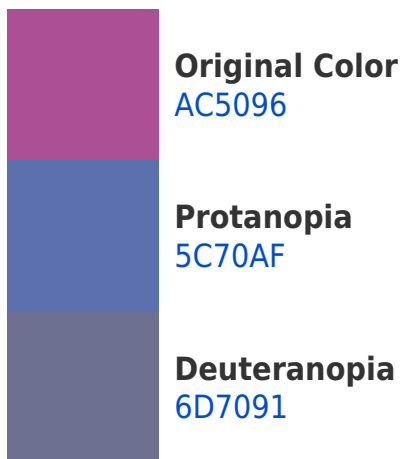



This preview shows how white text looks on a background with the Hex color AC5096.

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](#).

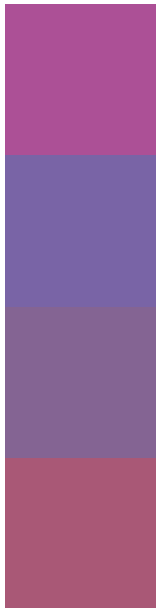
Dichromacy





Tritanopia
A75C63

Trichromacy



Original Color
AC5096

Protanomaly
7964A6

Deuteranomaly
846493

Tritanomaly
A95876

Monochromacy



Original Color
AC5096

Achromatopsia
737373

Achromatomaly
886680

CSS Examples

Text

The CSS property to change the color of the text to Hex AC5096 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 #AC5096 looks like.

```
.text, #text, p{  
    color:#AC5096  
}
```

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 #AC5096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5096
}
```

Border

The CSS property to change the border of an element to Hex AC5096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

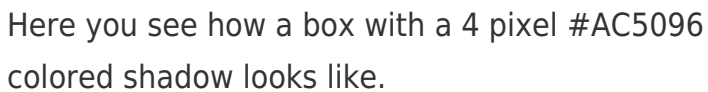
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC5096 }
```

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

```
.border{ border-color:#AC5096 }
```

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



Here you see how a box with a 4 pixel #AC5096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5096; -webkit-box-shadow:4px 4px  
4px 4px #AC5096; box-shadow:4px 4px 4px  
4px #AC5096 }
```

Background

The CSS property to change the background color of an element to Hex AC5096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5096 }
```

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

```
.background{ background-color:#AC5096 }
```

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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