

Converting Colors

Hex(AC3255)

Have a look what the booklet for
Hex(AC3255) contains.

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Color

Hex(AC3255)

Conversions

Conversions Part 1

Format	Color
Hex	AC3255
RGB	172, 50, 85
RGB Percent	67%, 20%, 33%
CMY	0.3255, 0.8039, 0.6667
CMYK	0.00, 0.71, 0.51, 0.33
HSL	343°, 55%, 44%
HSV	343°, 71%, 67%
XYZ	19.7936, 11.7077, 9.8109
YIQ	90.4680, 61.4770, 36.7490

Conversions

Conversions Part 2

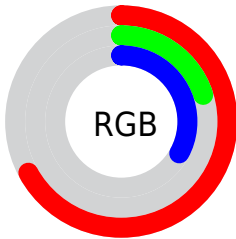
Format	Color
R _Y B	172, 50, 85
Decimal	11285077
CIE Lab	40.75, 51.77, 8.18
CIE LCh	41, 52.408, 8.978
Yxy	11.7077, 0.4791, 0.2834
Android (android.graphics.Color)	4289475157 (0xFFAC3255)
YUV	90.4680, -2.6957, 71.5036
Hunter-Lab	34.2166, 43.3794, 6.9514

Details

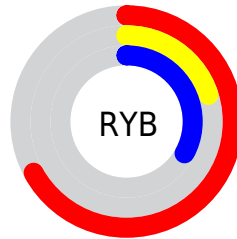
The Hex color **AC3255** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **32AC89**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **E86986**, and **720028** is the 20% darker color. If you saturate the color by 10%, you get **AC2149**, and if you desaturate by 10%, it is **AC4361**.

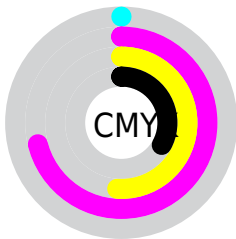
Distribution



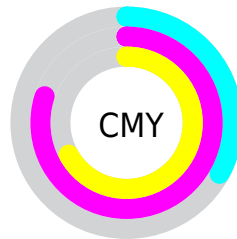
- Red (67%)
- Green (20%)
- Blue (33%)



- Red (67%)
- Yellow (20%)
- Blue (33%)



- Cyan (0%)
- Magenta (71%)
- Yellow (51%)
- Black (33%)



- Cyan (33%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC3255 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 AC3255 by changing the saturation by 10% instead.

 AC3255

 AC3255

FFFFFF

 8F103E

 E86986

 720028

 FF84A0

 560014

 FFA0BB

 3C0002

 FFBCD7

 180001

 FFD9F3

 000000

 FFF6FF

 AC3255

 AC3255

 AC2149

 AC4361

■ AC103C

■ AC546E

■ AC0031

■ AC667A

■ AC7786

■ AC8892

■ AC999F

■ ACAAAB

■ ACBCB7

■ ACCDC3

Harmonies

Analogous

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



9D3A80



AC3255



A53F2C

Triad

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



AC3255



396C14



006DB0

Complementary

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



AC3255



32AC89

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.



007295



AC3255



00723F

Square

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



AC3255



686200



00746C



0061B5

Rectangle

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



AC3255



964C12



00746C



006FA9

Sweetspot

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



AC3255



E0B1BF



8732AC



70545C



F0F0F0



707070

Same Dimension

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



AC3255



E02258



AC4A32



574E51



96002B



170007

Inverse Universe

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



AC3255



E02258



3294AC



574E51



96002B



170007

Previews

White Background



This preview shows how the Hex color AC3255 looks on a white background.

Color Contrast Check

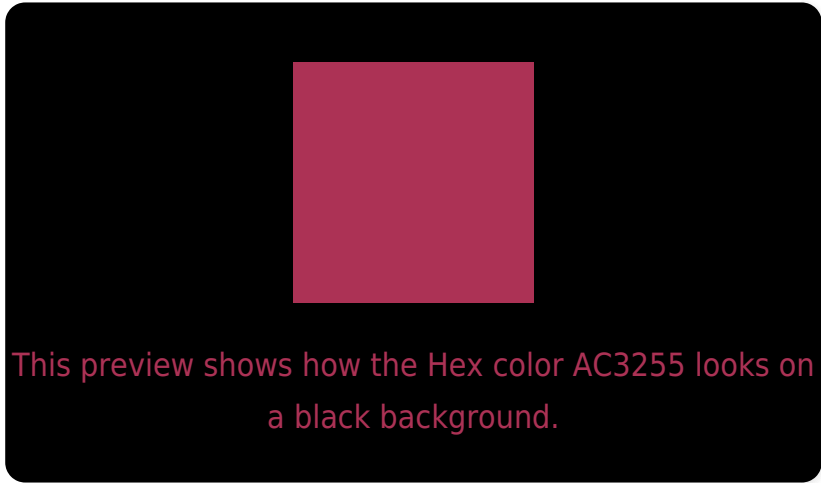
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC3255 Background



This preview shows how black text looks on a background with the Hex color AC3255.



This preview shows how white text looks on a background with the Hex color AC3255.

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
AB383B

Trichromacy



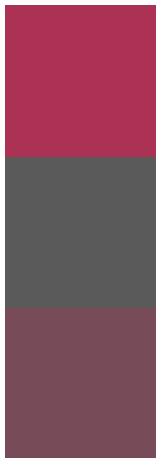
Original Color
AC3255

Protanomaly
7B4F65

Deuteranomaly
864D51

Tritanomaly
AB3644

Monochromacy



Original Color
AC3255

Achromatopsia
5A5A5A

Achromatomaly
784B58

CSS Examples

Text

The CSS property to change the color of the text to Hex AC3255 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 #AC3255 looks like.

```
.text, #text, p{  
    color:#AC3255  
}
```

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 #AC3255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC3255
}
```

Border

The CSS property to change the border of an element to Hex AC3255 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
#AC3255 }
```

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

```
.border{ border-color:#AC3255 }
```

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

Here you see how a box with a 4 pixel #AC3255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC3255; -webkit-box-shadow:4px 4px  
4px 4px #AC3255; box-shadow:4px 4px 4px  
4px #AC3255 }
```

Background

The CSS property to change the background color of an element to Hex AC3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC3255 }
```

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

```
.background{ background-color:#AC3255 }
```

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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