

Converting Colors

Hex(AC415D)

Have a look what the booklet for
Hex(AC415D) contains.

Hex(AC415D)	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(AC415D)

Conversions

Conversions Part 1

Format	Color
Hex	AC415D
RGB	172, 65, 93
RGB Percent	67%, 25%, 36%
CMY	0.3255, 0.7451, 0.6353
CMYK	0.00, 0.62, 0.46, 0.33
HSL	344°, 45%, 46%
HSV	344°, 62%, 67%
XYZ	20.8793, 13.3416, 11.8306
YIQ	100.1850, 54.7840, 31.3920

Conversions

Conversions Part 2

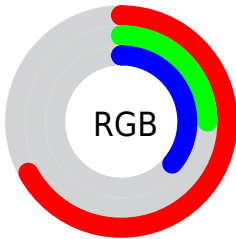
Format	Color
R_{YB}	172, 65, 93
Decimal	11288925
CIE _{Lab}	43.27, 46.20, 6.76
CIE _{LCh}	43, 46.694, 8.323
Yxy	13.3416, 0.4534, 0.2897
Android (android.graphics.Color)	4289479005 (0xFFAC415D)
YUV	100.1850, -3.5422, 62.9818
Hunter-Lab	36.5261, 38.1149, 6.3645

Details

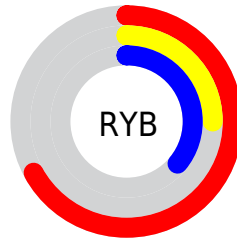
The Hex color **AC415D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **41AC90**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E7768F**, and **73012F** is the 20% darker color. If you saturate the color by 10%, you get **AC3050**, and if you desaturate by 10%, it is **AC526A**.

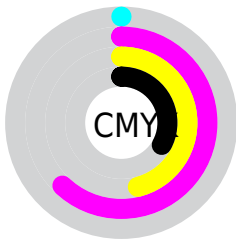
Distribution



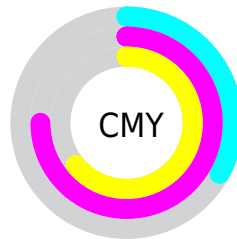
- Red (67%)
- Green (25%)
- Blue (36%)



- Red (67%)
- Yellow (25%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (46%)
- Black (33%)



- Cyan (33%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC415D 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 AC415D by changing the saturation by 10% instead.

 AC415D

 AC415D

FFFFFF

 8F2646

 E7768F

 73012F

 FF91AA

 57001B

 FFADC5

 3E0001

 FFC9E1

 1F0001

 FFE6FD

 000000

 AC415D

 AC415D

 AC3050

 AC526A

 AC1F44

 AC6376

 AC0D37

 AC7583

 AC002D

 AC8690

 AC979C

 ACA8A9

 ACB9B6

 ACCBC3

 ACDCCF

Harmonies

Analogous

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



9D4784



AC415D



A64A38

Triad

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



AC415D



477125



0072AE

Complementary

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



AC415D



41AC90

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.



007795



AC415D



007748

Square

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



AC415D



70680E



007970



2467B3

Rectangle

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



AC415D



995523



007970



0074A8

Sweetspot

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



AC415D



E0B6C1



8F41AC



70565D



F0F0F0



707070

Same Dimension

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



AC415D



E03864



AC5A41



574E50



960027



170006

Inverse Universe

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



AC415D



E03864



4193AC



574E50



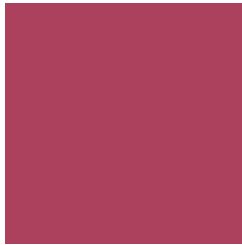
960027



170006

Previews

White Background



This preview shows how the Hex color AC415D looks on a white background.

Color Contrast Check

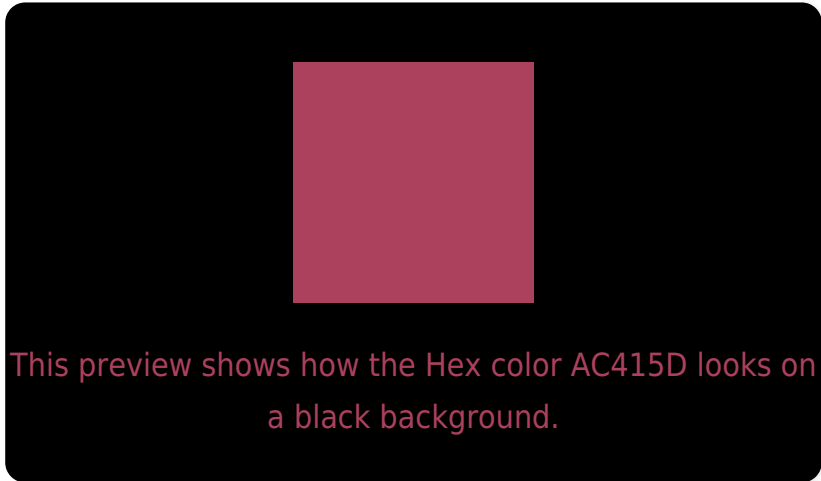
Large Text (above 18pt) WCAG AA ✓ Pass

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

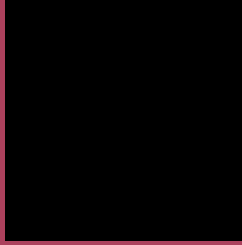
Any Text WCAG AA × Fail

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 AC415D Background



This preview shows how black text looks on a background with the Hex color AC415D.



This preview shows how white text looks on a background with the Hex color AC415D.

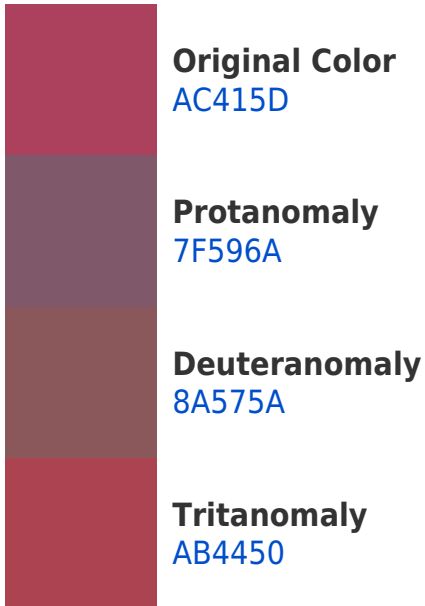
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC415D 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 #AC415D looks like.

```
.text, #text, p{  
    color:#AC415D  
}
```

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 #AC415D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC415D }  
}
```

Border

The CSS property to change the border of an element to Hex AC415D is called "border". The border property can be set on classes, ids or directly on the HTML element.

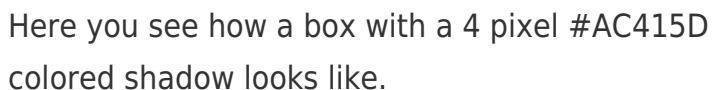
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #AC415D }  
}
```

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

```
.border{ border-color:#AC415D }
```

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



Here you see how a box with a 4 pixel `#AC415D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC415D; -webkit-box-shadow:4px 4px  
4px 4px #AC415D; box-shadow:4px 4px 4px  
4px #AC415D }
```

Background

The CSS property to change the background color of an element to Hex AC415D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC415D }
```

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

```
.background{ background-color:#AC415D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor