

Converting Colors

Hex(AE4271)

Have a look what the booklet for
Hex(AE4271) contains.

Hex(AE4271)	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(AE4271)

Conversions

Conversions Part 1

Format	Color
Hex	AE4271
RGB	174, 66, 113
RGB Percent	68%, 26%, 44%
CMY	0.3176, 0.7412, 0.5569
CMYK	0.00, 0.62, 0.35, 0.32
HSL	334°, 45%, 47%
HSV	334°, 62%, 68%
XYZ	22.3844, 14.0874, 17.1621
YIQ	103.6500, 49.2810, 37.5130

Conversions

Conversions Part 2

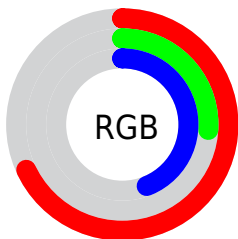
Format	Color
R_{YB}	174, 66, 113
Decimal	11420273
CIE _{Lab}	44.36, 48.61, -3.97
CIE _{LCh}	44, 48.771, 355.331
Yxy	14.0874, 0.4174, 0.2627
Android (android.graphics.Color)	4289610353 (0xFFAE4271)
YUV	103.6500, 4.6095, 61.6969
Hunter-Lab	37.5331, 40.7728, -0.8373

Details

The Hex color **AE4271** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **42AE7F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E977A5**, and **760041** is the 20% darker color. If you saturate the color by 10%, you get **AE3167**, and if you desaturate by 10%, it is **AE537B**.

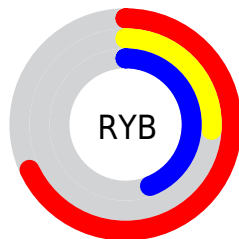
Distribution



Red (68%)

Green (26%)

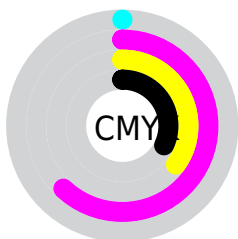
Blue (44%)



Red (68%)

Yellow (26%)

Blue (44%)

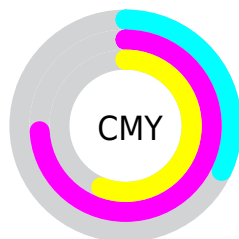


Cyan (0%)

Magenta (62%)

Yellow (35%)

Black (32%)



Cyan (32%)

Magenta (74%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE4271 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 AE4271 by changing the saturation by 10% instead.

 AE4271

 AE4271

FFFFFF

 922659

 E977A5

 760041

 FF93C0

 5A002B

 FFAEDC

 400017

 FFCBF8

 260001

 FFE7FF

 000000

 AE4271

 AE4271

 AE3167

 AE537B

 AE1F5D

 AE6585

 AE0E54

 AE768E

 AE004C

 AE8898

 AE99A2

 AEAAAC

 AEBCB6

 AE CDC0

 AEDFC9

Harmonies

Analogous

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



944F98



AE4271



B14549

Triad

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



AE4271



5C7116



0078AB

Complementary

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



AE4271



42AE7F

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.



007C8A



AE4271



227838

Square

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



AE4271



83650C



007C61



006FBA

Rectangle

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



AE4271



A84F30



007C61



007AA2

Sweetspot

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



AE4271



E3B8CB



7D42AE



735864



F2F2F2



737373

Same Dimension

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



AE4271



E33B84



AE4742



574E52



960041



17000A

Inverse Universe

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



AE4271



E33B84



42A9AE



574E52



960041



17000A

Previews

White Background



This preview shows how the Hex color AE4271 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 AE4271 Background



This preview shows how black text looks on a background with the Hex color AE4271.

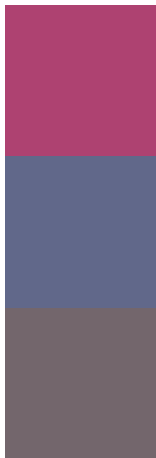


This preview shows how white text looks on a background with the Hex color AE4271.

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



Original Color
AE4271

Protanopia
61688A

Deuteranopia
73666C

Trichromacy



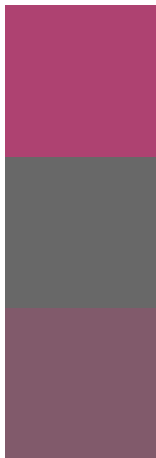
Original Color
AE4271

Protanomaly
7D5A81

Deuteranomaly
88596E

Tritanomaly
AC475B

Monochromacy



Original Color
AE4271

Achromatopsia
686868

Achromatomaly
815A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex AE4271 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 #AE4271 looks like.

```
.text, #text, p{  
    color:#AE4271  
}
```

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 #AE4271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE4271  
}
```

Border

The CSS property to change the border of an element to Hex AE4271 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  
#AE4271 }
```

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

```
.border{ border-color:#AE4271 }
```

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

Here you see how a box with a 4 pixel #AE4271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE4271; -webkit-box-shadow:4px 4px  
4px 4px #AE4271; box-shadow:4px 4px 4px  
4px #AE4271 }
```

Background

The CSS property to change the background color of an element to Hex AE4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE4271 }
```

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

```
.background{ background-color:#AE4271 }
```

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