

Converting Colors

Hex(AE2366)

Have a look what the booklet for
Hex(AE2366) contains.

Hex(AE2366)	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(AE2366)

Conversions

Conversions Part 1

Format	Color
Hex	AE2366
RGB	174, 35, 102
RGB Percent	68%, 14%, 40%
CMY	0.3176, 0.8627, 0.6000
CMYK	0.00, 0.80, 0.41, 0.32
HSL	331°, 67%, 41%
HSV	331°, 80%, 68%
XYZ	20.4549, 11.1600, 13.6464
YIQ	84.1990, 61.3370, 50.3050

Conversions

Conversions Part 2

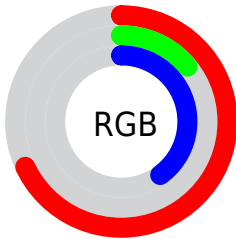
Format	Color
R_{YB}	174, 35, 102
Decimal	11412326
CIE _{Lab}	39.85, 58.91, -3.80
CIE _{LCh}	40, 59.028, 356.312
Yxy	11.1600, 0.4519, 0.2466
Android (android.graphics.Color)	4289602406 (0xFFAE2366)
YUV	84.1990, 8.7759, 78.7555
Hunter-Lab	33.4067, 50.8338, -0.8349

Details

The Hex color **AE2366** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **23AE6B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **EA5F99**, and **740037** is the 20% darker color. If you saturate the color by 10%, you get **AE125D**, and if you desaturate by 10%, it is **AE346F**.

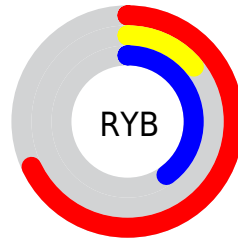
Distribution



Red (68%)

Green (14%)

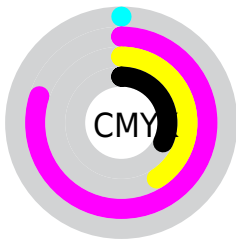
Blue (40%)



Red (68%)

Yellow (14%)

Blue (40%)

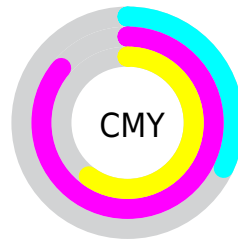


Cyan (0%)

Magenta (80%)

Yellow (41%)

Black (32%)



Cyan (32%)

Magenta (86%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE2366 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 AE2366 by changing the saturation by 10% instead.

 AE2366

 AE2366

FFFFFF

 91004E

 EA5F99

 740037

 FF7BB4

 580022

 FF97CF

 3F000B

 FFB4EB

 1D0001

 FFD1FF

 000000

 FFEEFF

 AE2366

 AE2366

 AE125D

 AE346F

 AE0054

 AE4678

 AE5781

 AE698A

 AE7A93

 AE8B9C

 AE9DA5

 AEAEAE

 AEC0B7

Harmonies

Analogous

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



913A94



AE2366



AF2C37

Triad

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



AE2366



496700



006FAE

Complementary

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



AE2366



23AE6B

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.



007387



AE2366



006F23

Square

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



AE2366



775A00



007256



0066BF

Rectangle

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



AE2366



A33C17



007256



0071A3

Sweetspot

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



AE2366



E3ACC7



6B23AE



735162



F2F2F2



737373

Same Dimension

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



AE2366



E30972



AE2523



574E52



960049



17000B

Inverse Universe

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



AE2366



E30972



23ACAE



574E52



960049



17000B

Previews

White Background



This preview shows how the Hex color AE2366 looks on a white background.

Color Contrast Check

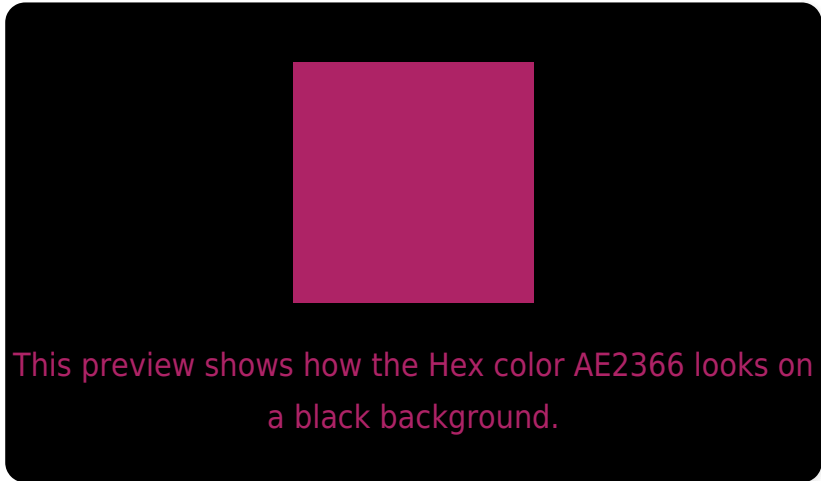
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE2366 Background



This preview shows how black text looks on a background with the Hex color AE2366.



This preview shows how white text looks on a background with the Hex color AE2366.

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
AE2366

Protanopia
505E8A

Deuteranopia
685C5F

Trichromacy



Original Color
AE2366

Protanomaly
72497D

Deuteranomaly
814762

Tritanomaly
AC2D47

Monochromacy



Original Color
AE2366

Achromatopsia
545454

Achromatomaly
75425B

CSS Examples

Text

The CSS property to change the color of the text to Hex AE2366 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 #AE2366 looks like.

```
.text, #text, p{  
    color:#AE2366  
}
```

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 #AE2366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE2366 }  
}
```

Border

The CSS property to change the border of an element to Hex AE2366 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 #AE2366 }  
}
```

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

```
.border{ border-color:#AE2366 }
```

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

Here you see how a box with a 4 pixel #AE2366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE2366; -webkit-box-shadow:4px 4px  
4px 4px #AE2366; box-shadow:4px 4px 4px  
4px #AE2366 }
```

Background

The CSS property to change the background color of an element to Hex AE2366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE2366 }
```

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

```
.background{ background-color:#AE2366 }
```

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