

Converting Colors

Hex(AE1B27)

Have a look what the booklet for
Hex(AE1B27) contains.

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Color

Hex(AE1B27)

Conversions

Conversions Part 1

Format	Color
Hex	AE1B27
RGB	174, 27, 39
RGB Percent	68%, 11%, 15%
CMY	0.3176, 0.8941, 0.8471
CMYK	0.00, 0.84, 0.78, 0.32
HSL	355°, 73%, 39%
HSV	355°, 84%, 68%
XYZ	18.2137, 9.9290, 2.8760
YIQ	72.3210, 83.7600, 34.8960

Conversions

Conversions Part 2

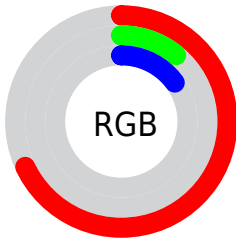
Format	Color
RYB	174, 27, 39
Decimal	11410215
CIELab	37.71, 56.73, 33.05
CIELCh	38, 65.659, 30.222
Yxy	9.9290, 0.5872, 0.3201
Android (android.graphics.Color)	4289600295 (0xFFAE1B27)
YUV	72.3210, -16.4273, 89.1725
Hunter-Lab	31.5103, 48.0340, 16.6458

Details

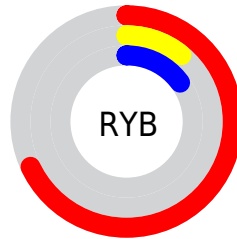
The Hex color **AE1B27** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1BAEA2**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **ED5954**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **AE0A17**, and if you desaturate by 10%, it is **AE2C37**.

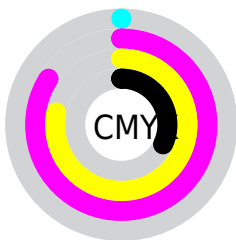
Distribution



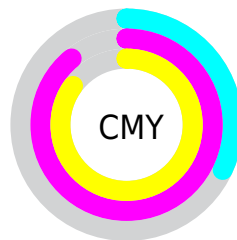
- Red (68%)
- Green (11%)
- Blue (15%)



- Red (68%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (84%)
- Yellow (78%)
- Black (32%)



- Cyan (32%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE1B27 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 AE1B27 by changing the saturation by 10% instead.

 AE1B27

 AE1B27

FFFFFF

 8F0012

 ED5954

 710000

 FF756D

 530000

 FF9086

 370002

 FFADA0

 0A0000

 FFC9BC

 000000

 FFE7D7

 FFFFF4

 AE1B27

 AE1B27

■ AE0A17

■ AE2C37

■ AE000E

■ AE3E47

■ AE4F57

■ AE6167

■ AE7277

■ AE8387

■ AE9597

■ AEA6A7

■ AEB8B7

Harmonies

Analogous

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



B1005B



AE1B27



954000

Triad

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



AE1B27



006B1E



0060C5

Complementary

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



AE1B27



1BAEA2

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.



006BB5



AE1B27



006E58

Square

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



AE1B27



366500



006F8D



4F4AB6

Rectangle

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



AE1B27



7B5000



006F8D



0065C3

Sweetspot

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



AE1B27



E3AAAF



A21BAE



735053



F2F2F2



737373

Same Dimension

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



AE1B27



E30013



AE581B



574E4F



96000C



170002

Inverse Universe

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



AE1B27



E30013



1B71AE



574E4F



96000C



170002

Previews

White Background



This preview shows how the Hex color AE1B27 looks on a white background.

Color Contrast Check

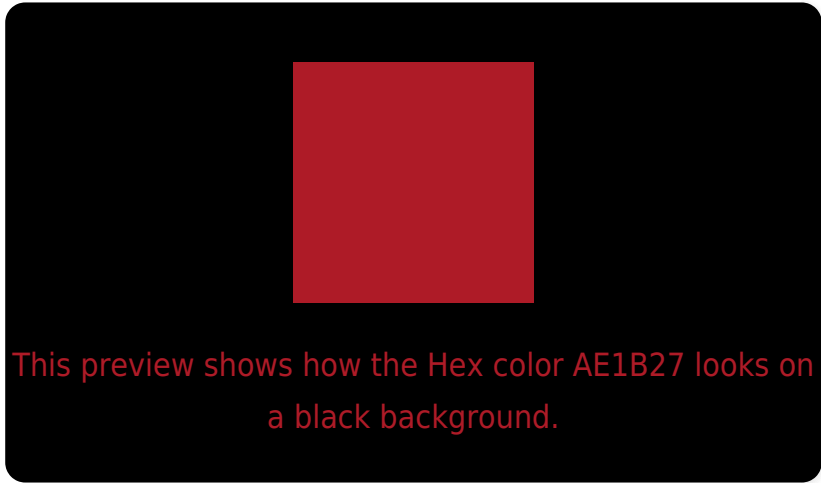
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 AE1B27 Background



This preview shows how black text looks on a background with the Hex color AE1B27.

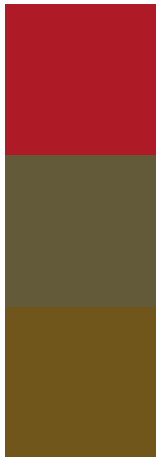


This preview shows how white text looks on a background with the Hex color AE1B27.

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
AE1B27

Protanopia
625A39

Deuteranopia
71561C

Trichromacy



Original Color
AE1B27

Protanomaly
7E4332

Deuteranomaly
874120

Tritanomaly
AE1C20

Monochromacy



Original Color
AE1B27

Achromatopsia
484848

Achromatomaly
6D383C

CSS Examples

Text

The CSS property to change the color of the text to Hex AE1B27 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 #AE1B27 looks like.

```
.text, #text, p{  
    color:#AE1B27  
}
```

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 #AE1B27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE1B27
}
```

Border

The CSS property to change the border of an element to Hex AE1B27 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".

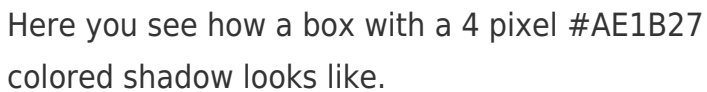
```
.border, #border, table{ border:4px solid
#AE1B27 }
```

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

```
.border{ border-color:#AE1B27 }
```

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

Here you see how a box with a 4 pixel #AE1B27 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE1B27; -webkit-box-shadow:4px 4px  
4px 4px #AE1B27; box-shadow:4px 4px 4px  
4px #AE1B27 }
```

Background

The CSS property to change the background color of an element to Hex AE1B27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE1B27 }
```

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

```
.background{ background-color:#AE1B27 }
```

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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