

Converting Colors

Hex(AA232E)

Have a look what the booklet for
Hex(AA232E) contains.

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Color

Hex(AA232E)

Conversions

Conversions Part 1

Format	Color
Hex	AA232E
RGB	170, 35, 46
RGB Percent	67%, 14%, 18%
CMY	0.3333, 0.8627, 0.8196
CMYK	0.00, 0.79, 0.73, 0.33
HSL	355°, 66%, 40%
HSV	355°, 79%, 67%
XYZ	17.6717, 9.9454, 3.5730
YIQ	76.6190, 76.9290, 32.0410

Conversions

Conversions Part 2

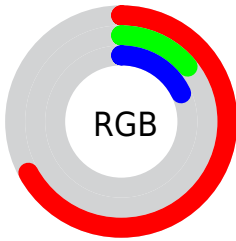
Format	Color
R _Y B	170, 35, 46
Decimal	11150126
CIE Lab	37.74, 53.72, 28.63
CIE LCh	38, 60.873, 28.057
Yxy	9.9454, 0.5666, 0.3189
Android (android.graphics.Color)	4289340206 (0xFFAA232E)
YUV	76.6190, -15.0952, 81.8951
Hunter-Lab	31.5363, 44.8362, 15.3579

Details

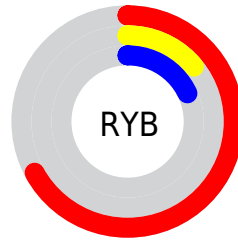
The Hex color **AA232E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **23AA9F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **E85D5C**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AA121E**, and if you desaturate by 10%, it is **AA343E**.

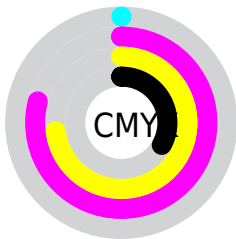
Distribution



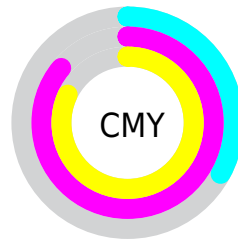
- Red (67%)
- Green (14%)
- Blue (18%)



- Red (67%)
- Yellow (14%)
- Blue (18%)



- Cyan (0%)
- Magenta (79%)
- Yellow (73%)
- Black (33%)



- Cyan (33%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA232E 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 AA232E by changing the saturation by 10% instead.

■ AA232E

■ AA232E

FFFFFF

■ 8C0019

■ E85D5C

■ 6E0000

■ FF7875

■ 500000

■ FF948E

■ 350002

■ FFB0A9

■ 020000

■ FFCDC4

■ 000000

■ FFEAE0

FFFFFFD

■ AA232E

■ AA232E

■ AA121E

■ AA343E

■ AA010F

■ AA454D

■ AA000E

■ AA565D

■ AA676C

■ AA787C

■ AA898C

■ AA9A9B

■ AAABAB

■ AABCBB

Harmonies

Analogous

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



AB145E



AA232E



944000

Triad

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



AA232E



006A1F



0060BC

Complementary

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



AA232E



23AA9F

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.



006AAD



AA232E



006D54

Square

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



AA232E



3F6300



006E86



4A4DB1

Rectangle

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



AA232E



7D5000



006E86



0065BA

Sweetspot

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



AA232E



DEA9AD



9F23AA



705052



F0F0F0



707070

Same Dimension

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



AA232E



DE0B1C



AA5B23



544C4C



94000C



140002

Inverse Universe

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



AA232E



DE0B1C



2372AA



544C4C



94000C



140002

Previews

White Background



This preview shows how the Hex color AA232E looks on a white background.

Color Contrast Check

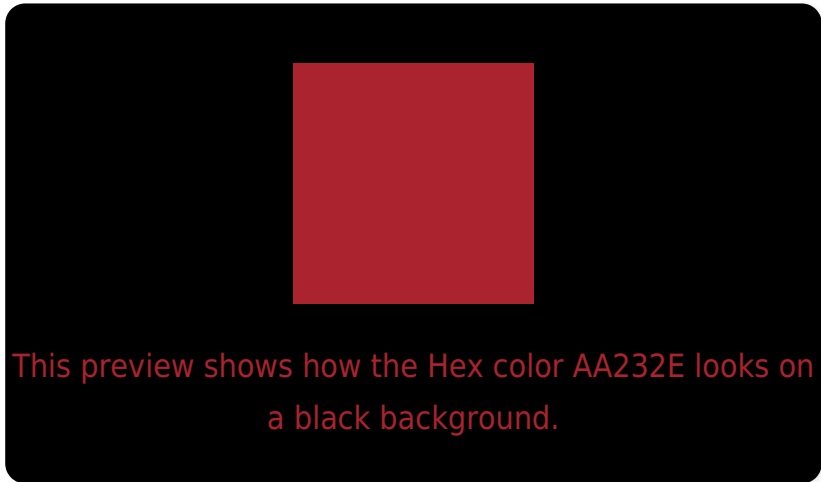
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA232E Background



This preview shows how black text looks on a background with the Hex color AA232E.

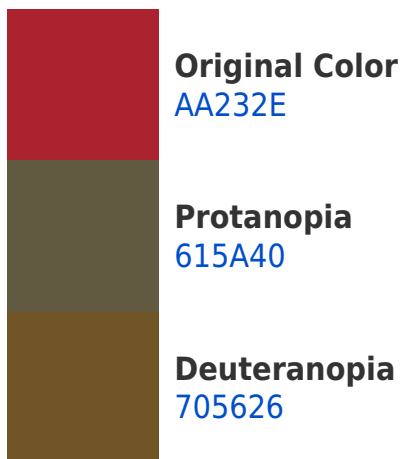


This preview shows how white text looks on a background with the Hex color AA232E.

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



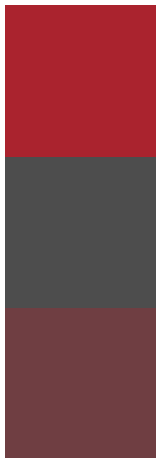
Original Color
AA232E

Protanomaly
7C4639

Deuteranomaly
854329

Tritanomaly
AA2428

Monochromacy



Original Color
AA232E

Achromatopsia
4D4D4D

Achromatomaly
6F3E42

CSS Examples

Text

The CSS property to change the color of the text to Hex AA232E 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 #AA232E looks like.

```
.text, #text, p{  
    color:#AA232E  
}
```

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 #AA232E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA232E
}
```

Border

The CSS property to change the border of an element to Hex AA232E is called "border". The border property can be set on classes, ids or directly on the HTML element.

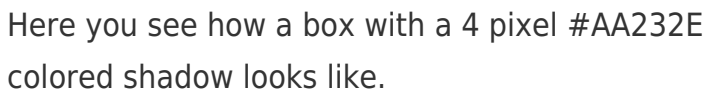
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA232E }
```

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

```
.border{ border-color:#AA232E }
```

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



Here you see how a box with a 4 pixel #AA232E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA232E; -webkit-box-shadow:4px 4px  
4px 4px #AA232E; box-shadow:4px 4px 4px  
4px #AA232E }
```

Background

The CSS property to change the background color of an element to Hex AA232E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA232E }
```

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

```
.background{ background-color:#AA232E }
```

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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