

# Converting Colors

Hex(A4242E)

Have a look what the booklet for  
Hex(A4242E) contains.

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# Color

Hex(A4242E)

# Conversions

## Conversions Part 1

Format	Color
Hex	A4242E
RGB	164, 36, 46
RGB Percent	64%, 14%, 18%
CMY	0.3569, 0.8588, 0.8196
CMYK	0.00, 0.78, 0.72, 0.36
HSL	355°, 64%, 39%
HSV	355°, 78%, 64%
XYZ	16.4339, 9.3515, 3.5236
YIQ	75.4120, 73.0780, 30.2460

# Conversions

## Conversions Part 2

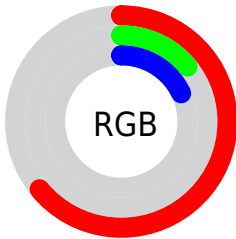
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 36, 46
Decimal	10757166
CIELab	36.65, 51.60, 27.05
CIElCh	37, 58.258, 27.661
Yxy	9.3515, 0.5607, 0.3191
Android (android.graphics.Color)	4288947246 (0xFFA4242E)
YUV	75.4120, -14.5001, 77.6917
Hunter-Lab	30.5803, 42.4106, 14.5745

# Details

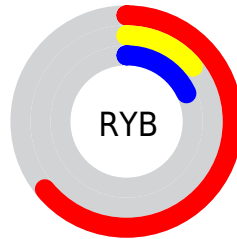
The Hex color **A4242E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **24A49A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **E15D5C**, and **690000** is the 20% darker color. If you saturate the color by 10%, you get **A4141F**, and if you desaturate by 10%, it is **A4343D**.

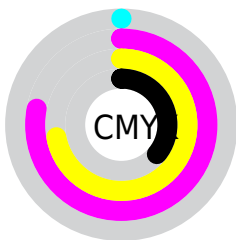
# Distribution



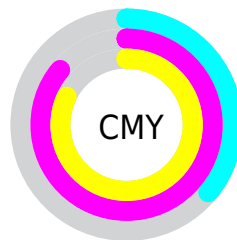
- Red (64%)
- Green (14%)
- Blue (18%)



- Red (64%)
- Yellow (14%)
- Blue (18%)



- Cyan (0%)
- Magenta (78%)
- Yellow (72%)
- Black (36%)



- Cyan (36%)
- Magenta (86%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4242E 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 A4242E by changing the saturation by 10% instead.





A4242E



A4242E

FFFFFF



860019



E15D5C



690000



FF7875



4B0000



FF938E



300002



FFAFA9



000000



FFCCC4



FFE9E0



FFFFFFC



A4242E



A4242E

 A4141F

 A4343D

 A40310

 A4454C

 A4000D

 A4555B

 A4666A

 A4767A

 A48689

 A49798

 A4A7A7

 A4B8B6

# Harmonies

## Analogous

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



A4185C



A4242E



8F3F00

# Triad

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



A4242E



00671F



005DB5

# Complementary

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



A4242E



24A49A

# 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.



0067A6



A4242E



006A51

# Square

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



A4242E



3F6000



006A81



484BAA

# Rectangle

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



A4242E



794D00



006A81



0062B3



# Sweetspot

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



A4242E



D6A5A9



9924A4



6B4D4F



EBEBEB



6B6B6B



# Same Dimension

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



A4242E



D60D1D



A45924



52494A



91000B



120001



# Inverse Universe

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



A4242E



D60D1D



246FA4



52494A



91000B



120001



# Previews

## White Background



This preview shows how the Hex color A4242E looks on a white background.

## Color Contrast Check

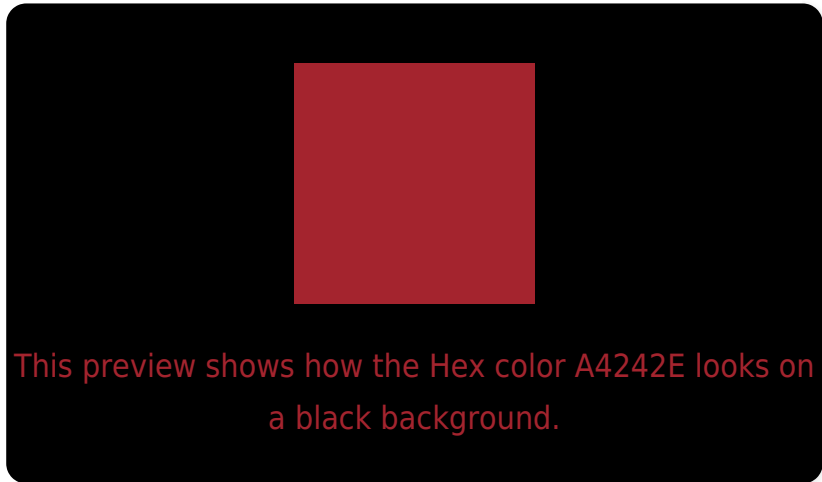
Large Text (above 18pt) WCAG AA ✓ Pass

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 A4242E Background



This preview shows how black text looks on a background with the Hex color A4242E.



This preview shows how white text looks on a background with the Hex color A4242E.

# 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**  
A4242E

**Protanopia**  
5E5740

**Deuteranopia**  
6C5326



**Tritanopia**  
A42526

# Trichromacy



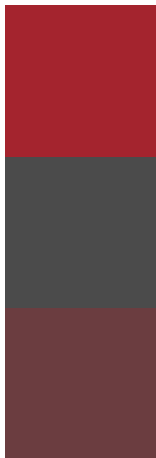
**Original Color**  
A4242E

**Protanomaly**  
774439

**Deuteranomaly**  
804229

**Tritanomaly**  
A42529

# Monochromacy



**Original Color**  
A4242E

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
6B3D40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4242E 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 #A4242E looks like.

```
.text, #text, p{  
    color:#A4242E  
}
```

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 #A4242E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4242E
}
```

## Border

The CSS property to change the border of an element to Hex A4242E is called "border". The border property can be set on classes, ids or directly on the HTML element.

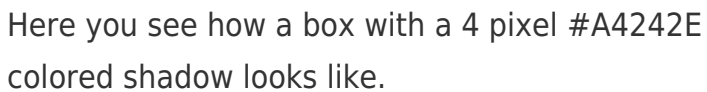
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4242E }
```

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

```
.border{ border-color:#A4242E }
```

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



Here you see how a box with a 4 pixel #A4242E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4242E; -webkit-box-shadow:4px 4px  
4px 4px #A4242E; box-shadow:4px 4px 4px  
4px #A4242E }
```

# Background

The CSS property to change the background color of an element to Hex A4242E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4242E }
```

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

```
.background{ background-color:#A4242E }
```

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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