

# Converting Colors

Hex(A24E52)

Have a look what the booklet for  
Hex(A24E52) contains.

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# Color

Hex(A24E52)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A24E52
RGB	162, 78, 82
RGB Percent	64%, 31%, 32%
CMY	0.3647, 0.6941, 0.6784
CMYK	0.00, 0.52, 0.49, 0.36
HSL	357°, 35%, 47%
HSV	357°, 52%, 64%
XYZ	19.1477, 13.7394, 9.6254
YIQ	103.5720, 48.7800, 19.0520

# Conversions

## Conversions Part 2

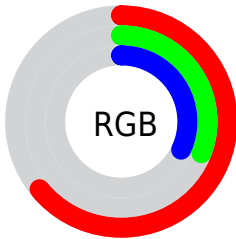
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 78, 82
Decimal	10636882
CIELab	43.86, 35.11, 14.11
CIELCh	44, 37.834, 21.893
Yxy	13.7394, 0.4504, 0.3232
Android (android.graphics.Color)	4288826962 (0xFFA24E52)
YUV	103.5720, -10.6350, 51.2414
Hunter-Lab	37.0666, 27.3419, 10.5503

# Details

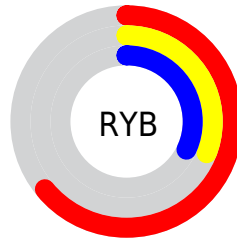
The Hex color **A24E52** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4EA29E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **DC8183**, and **6A1C25** is the 20% darker color. If you saturate the color by 10%, you get **A23E43**, and if you desaturate by 10%, it is **A25E61**.

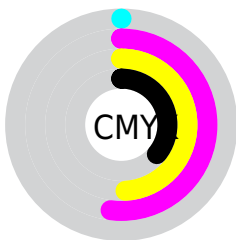
# Distribution



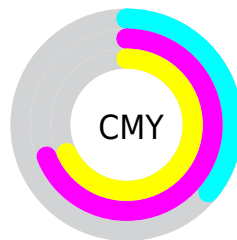
- Red (64%)
- Green (31%)
- Blue (32%)



- Red (64%)
- Yellow (31%)
- Blue (32%)



- Cyan (0%)
- Magenta (52%)
- Yellow (49%)
- Black (36%)



- Cyan (36%)
- Magenta (69%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A24E52 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 A24E52 by changing the saturation by 10% instead.



 A24E52

 A24E52

FFFFFF

 86353B

 DC8183

 6A1C25

 FA9C9D

 4F0011

 FFB7B8

 360000

 FFD3D4

 140000

 FFF0F0

 000000

 A24E52

 A24E52

 A23E43

 A25E61

 A22E33

 A26E71

 A21D24

 A27F80

 A20D14

 A28F90

 A20008

 A29F9F

 A2AFAF

 A2BFBE

 A2D0CD

 A2E0DD

# Harmonies

## Analogous

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



9D4D72



A24E52



975737

# Triad

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



A24E52



3D733F



006EA6

# Complementary

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



A24E52



4EA29E

# 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.



007498



A24E52



00775E

# Square

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



A24E52



636D2A



00777E



5B63A2

# Rectangle

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



A24E52



895F2B



00777E



0070A3



# Sweetspot

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



A24E52



D4B2B3



9E4EA2



6B5758



EBEBEB



6B6B6B



# Same Dimension

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



A24E52



D45057



A2744E



52494A



910007



120001



# Inverse Universe

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



A24E52



D45057



4E7CA2



52494A



910007

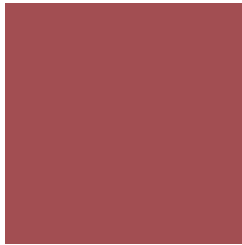


120001



# Previews

## White Background



This preview shows how the Hex color A24E52 looks on a white background.

## Color Contrast Check

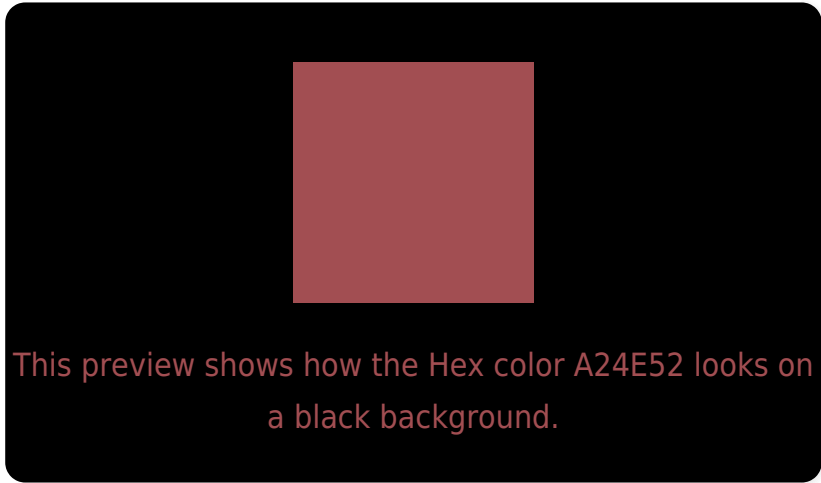
Large Text (above 18pt) WCAG AA ✓ Pass

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 A24E52 Background



This preview shows how black text looks on a background with the Hex color A24E52.

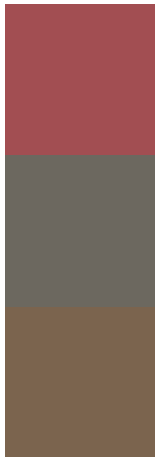


This preview shows how white text looks on a background with the Hex color A24E52.

# 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**  
A24E52

**Protanopia**  
6C685F

**Deuteranopia**  
7B644E



**Tritanopia**  
A24E53

# Trichromacy



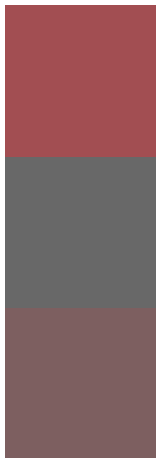
**Original Color**  
A24E52

**Protanomaly**  
805F5A

**Deuteranomaly**  
895C4F

**Tritanomaly**  
A24E53

# Monochromacy



**Original Color**  
A24E52

**Achromatopsia**  
686868

**Achromatomaly**  
7D5F60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A24E52 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 #A24E52 looks like.

```
.text, #text, p{  
    color:#A24E52  
}
```

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 #A24E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A24E52
}
```

## Border

The CSS property to change the border of an element to Hex A24E52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

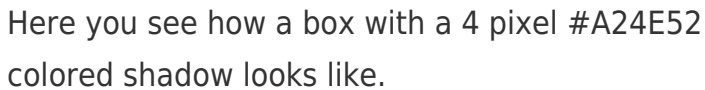
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A24E52 }
```

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

```
.border{ border-color:#A24E52 }
```

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



Here you see how a box with a 4 pixel #A24E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A24E52; -webkit-box-shadow:4px 4px  
4px 4px #A24E52; box-shadow:4px 4px 4px  
4px #A24E52 }
```

# Background

The CSS property to change the background color of an element to Hex A24E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A24E52 }
```

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

```
.background{ background-color:#A24E52 }
```

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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