

# Converting Colors

Hex(A24D53)

Have a look what the booklet for  
Hex(A24D53) contains.

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# Color

**Hex(A24D53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A24D53
RGB	162, 77, 83
RGB Percent	64%, 30%, 33%
CMY	0.3647, 0.6980, 0.6745
CMYK	0.00, 0.52, 0.49, 0.36
HSL	356°, 36%, 47%
HSV	356°, 52%, 64%
XYZ	19.1155, 13.6137, 9.8038
YIQ	103.0990, 48.7340, 19.8860

# Conversions

## Conversions Part 2

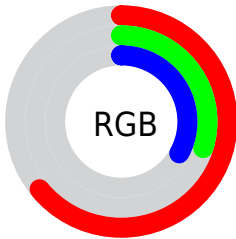
Format	Color
<a href="#">RYB</a>	162, 77, 83
Decimal	10636627
CIELab	43.67, 35.73, 13.24
CIElCh	44, 38.106, 20.338
Yxy	13.6137, 0.4494, 0.3201
Android (android.graphics.Color)	4288826707 (0xFFA24D53)
YUV	103.0990, -9.9088, 51.6562
Hunter-Lab	36.8967, 27.9083, 10.0738

# Details

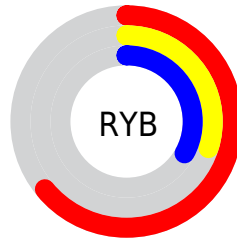
The Hex color **A24D53** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4DA29C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **DC8084**, and **6A1B26** is the 20% darker color. If you saturate the color by 10%, you get **A23D44**, and if you desaturate by 10%, it is **A25D62**.

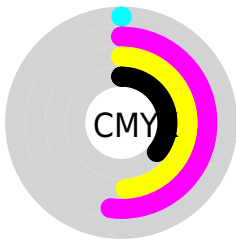
# Distribution



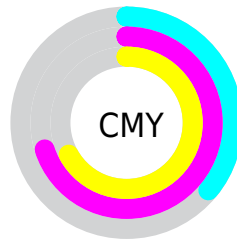
- Red (64%)
- Green (30%)
- Blue (33%)



- Red (64%)
- Yellow (30%)
- Blue (33%)



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



- Cyan (36%)
- Magenta (70%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A24D53 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 A24D53 by changing the saturation by 10% instead.



 A24D53

 A24D53

FFFFFF

 86343C

 DC8084

 6A1B26

 FA9B9E

 4F0012

 FFB6B9

 360000

 FFD2D5

 130000

 FFEFF1

 000000

 A24D53

 A24D53

 A23D44

 A25D62

 A22D35

 A26D71

 A21C26

 A27E80

 A20C17

 A28E8F

 A2000B

 A29E9E

 A2AEAD

 A2BEBC

 A2CFCB

 A2DFDB

# Harmonies

## Analogous

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



9C4D73



A24D53



985638

# Triad

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



A24D53



3F733D



006EA5

# Complementary

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



A24D53



4DA29C

# 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.



007497



A24D53



00765C

# Square

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



A24D53



646C29



00777C



5863A2

# Rectangle

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



A24D53



8A5E2B



00777C



0070A2



# Sweetspot

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



A24D53



D4B2B4



9B4DA2



6B5758



EBEBEB



6B6B6B



# Same Dimension

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



A24D53



D44E58



A2704D



52494A



91000A



120001



# Inverse Universe

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



A24D53



D44E58



4D7FA2



52494A



91000A

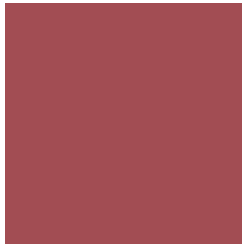


120001



# Previews

## White Background



This preview shows how the Hex color A24D53 looks on a white background.

## Color Contrast Check

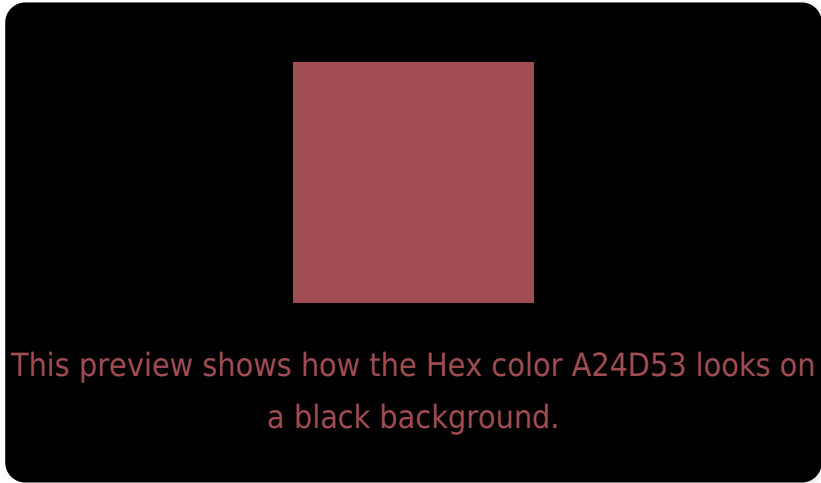
Large Text (above 18pt) WCAG AA ✓ Pass

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 A24D53 Background



This preview shows how black text looks on a background with the Hex color A24D53.

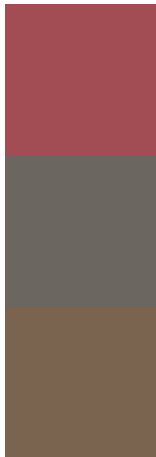


This preview shows how white text looks on a background with the Hex color A24D53.

# 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**  
A24D53

**Protanopia**  
6B6760

**Deuteranopia**  
7A644F



**Tritanopia**  
A24D52

# Trichromacy



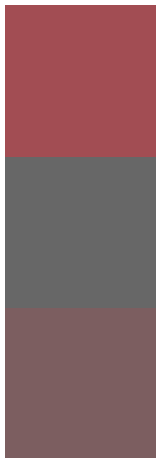
**Original Color**  
A24D53

**Protanomaly**  
7F5E5B

**Deuteranomaly**  
895C50

**Tritanomaly**  
A24D52

# Monochromacy



**Original Color**  
A24D53

**Achromatopsia**  
676767

**Achromatomaly**  
7C5E60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A24D53 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 #A24D53 looks like.

```
.text, #text, p{  
    color:#A24D53  
}
```

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 #A24D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A24D53
}
```

## Border

The CSS property to change the border of an element to Hex A24D53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

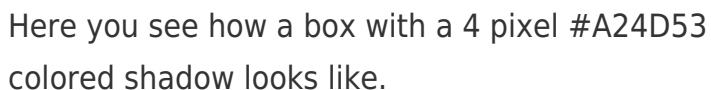
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A24D53 }
```

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

```
.border{ border-color:#A24D53 }
```

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



Here you see how a box with a 4 pixel `#A24D53` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A24D53; -webkit-box-shadow:4px 4px  
4px 4px #A24D53; box-shadow:4px 4px 4px  
4px #A24D53 }
```

# Background

The CSS property to change the background color of an element to Hex A24D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A24D53 }
```

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

```
.background{ background-color:#A24D53 }
```

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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