

# Converting Colors

Hex(A24545)

Have a look what the booklet for  
Hex(A24545) contains.

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# Color

**Hex(A24545)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A24545
RGB	162, 69, 69
RGB Percent	64%, 27%, 27%
CMY	0.3647, 0.7294, 0.7294
CMYK	0.00, 0.57, 0.57, 0.36
HSL	0°, 40%, 45%
HSV	0°, 57%, 64%
XYZ	18.1026, 12.3673, 7.0632
YIQ	96.8070, 55.4280, 19.7160

# Conversions

## Conversions Part 2

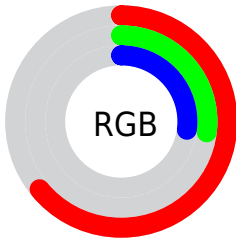
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 69, 69
Decimal	10634565
CIE Lab	41.79, 38.56, 19.28
CIE LCh	42, 43.117, 26.567
Yxy	12.3673, 0.4823, 0.3295
Android (android.graphics.Color)	4288824645 (0xFFA24545)
YUV	96.8070, -13.7089, 57.1743
Hunter-Lab	35.1672, 30.3418, 12.7088

# Details

The Hex color **A24545** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **45A2A2**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **DD7875**, and **69101A** is the 20% darker color. If you saturate the color by 10%, you get **A23535**, and if you desaturate by 10%, it is **A25555**.

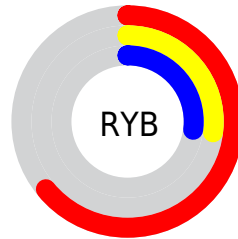
# Distribution



Red (64%)

Green (27%)

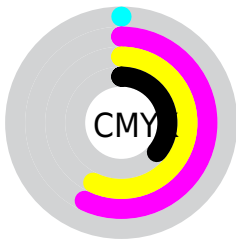
Blue (27%)



Red (64%)

Yellow (27%)

Blue (27%)

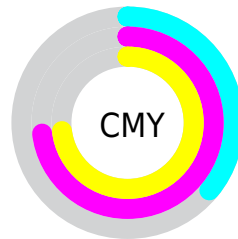


Cyan (0%)

Magenta (57%)

Yellow (57%)

Black (36%)



Cyan (36%)

Magenta (73%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A24545 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 A24545 by changing the saturation by 10% instead.





A24545



A24545

FFFFFF



852C2F



DD7875



69101A



FB938F



4E0000



FFAEA9



340001



FFCAC4



080000



FFE7E0



000000

FFFFFFD



A24545



A24545



A23535



A25555

 A22525

 A26565

 A21414

 A27676

 A20404

 A28686

 A20000

 A29696

 A2A6A6

 A2B6B6

 A2C7C7

 A2D7D7

# Harmonies

## Analogous

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



A04268



A24545



935227

# Triad

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



A24545



25703A



0068A9

# Complementary

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



A24545



45A2A2

# 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.



00709D



A24545



00735D

# Square

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



A24545



566A1E



007381



5C5BA2

# Rectangle

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



A24545



835B19



007381



006BA7



# Sweetspot

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



A24545



D4B0B0



A245A2



6B5656



EBEBEB



6B6B6B



# Same Dimension

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



A24545



D44242



A27445



524949



910000



120000



# Inverse Universe

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



45A2A2



42D4D4



4574A2



495252



009191

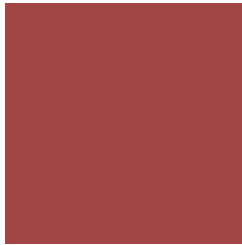


001212



# Previews

## White Background



This preview shows how the Hex color A24545 looks on a white background.

## Color Contrast Check

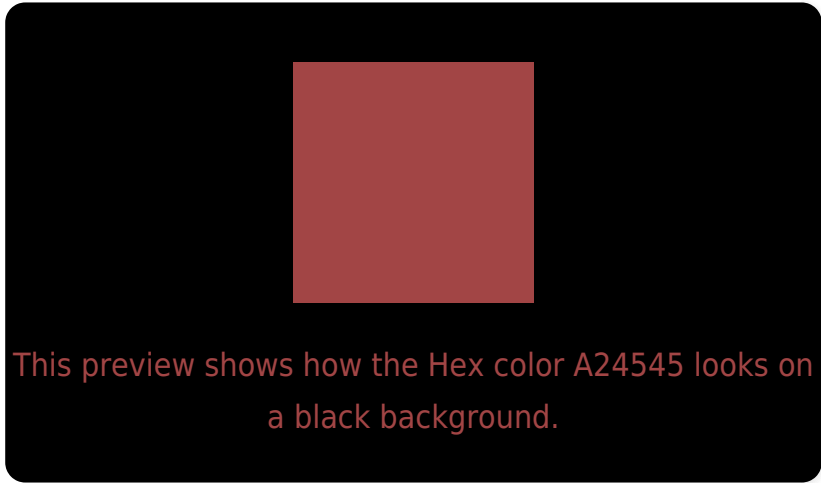
Large Text (above 18pt) WCAG AA ✓ Pass

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 A24545 Background



This preview shows how black text looks on a background with the Hex color A24545.

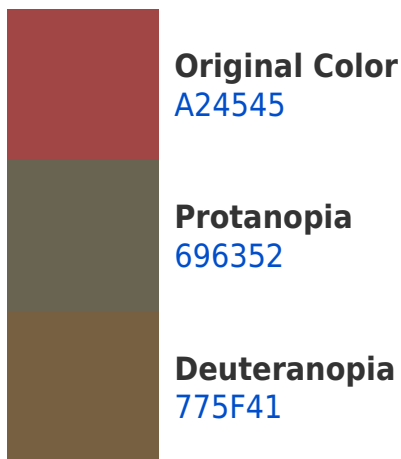



This preview shows how white text looks on a background with the Hex color A24545.

# 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





**Tritanopia**  
A24449

# Trichromacy



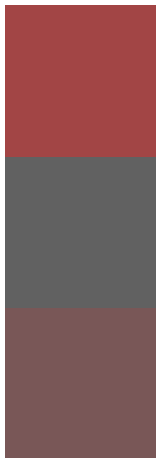
**Original Color**  
A24545

**Protanomaly**  
7E584D

**Deuteranomaly**  
875642

**Tritanomaly**  
A24448

# Monochromacy



**Original Color**  
A24545

**Achromatopsia**  
616161

**Achromatomaly**  
795757

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A24545 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 #A24545 looks like.

```
.text, #text, p{  
    color:#A24545  
}
```

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 #A24545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A24545
}
```

## Border

The CSS property to change the border of an element to Hex A24545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

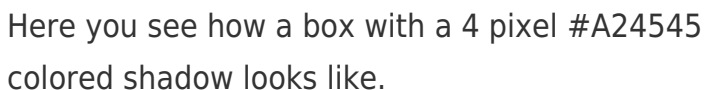
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A24545 }
```

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

```
.border{ border-color:#A24545 }
```

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



Here you see how a box with a 4 pixel #A24545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A24545; -webkit-box-shadow:4px 4px  
4px 4px #A24545; box-shadow:4px 4px 4px  
4px #A24545 }
```

# Background

The CSS property to change the background color of an element to Hex A24545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A24545 }
```

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

```
.background{ background-color:#A24545 }
```

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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