

# Converting Colors

Hex(A24027)

Have a look what the booklet for  
Hex(A24027) contains.

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**Color**

**Hex(A24027)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A24027
RGB	162, 64, 39
RGB Percent	64%, 25%, 15%
CMY	0.3647, 0.7490, 0.8471
CMYK	0.00, 0.60, 0.76, 0.36
HSL	12°, 61%, 39%
HSV	12°, 76%, 64%
XYZ	17.0999, 11.4947, 3.2369
YIQ	90.4520, 66.4330, 13.0010

# Conversions

## Conversions Part 2

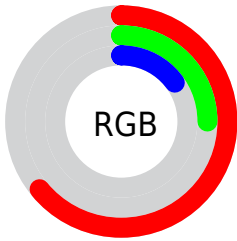
Format	Color
<b>R<sub>YB</sub></b>	162, 70, 39
Decimal	10633255
CIE Lab	40.40, 39.15, 35.29
CIE LCh	40, 52.709, 42.027
Yxy	11.4947, 0.5372, 0.3611
Android (android.graphics.Color)	4288823335 (0xFFA24027)
YUV	90.4520, -25.3658, 62.7476
Hunter-Lab	33.9038, 30.6977, 18.0721

# Details

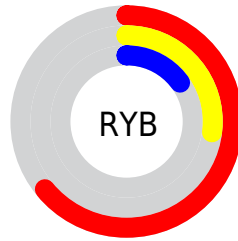
The Hex color **A24027** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2789A2**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DE7355**, and **680800** is the 20% darker color. If you saturate the color by 10%, you get **A23317**, and if you desaturate by 10%, it is **A24D37**.

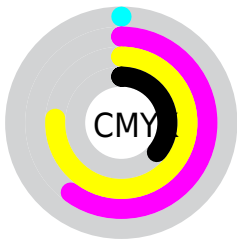
# Distribution



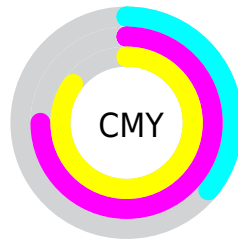
- Red (64%)
- Green (25%)
- Blue (15%)



- Red (64%)
- Yellow (27%)
- Blue (15%)



- Cyan (0%)
- Magenta (60%)
- Yellow (76%)
- Black (36%)



- Cyan (36%)
- Magenta (75%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A24027 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 A24027 by changing the saturation by 10% instead.



 A24027

 A24027

FFFFFF

 842611

 DE7355

 680800

 FD8E6E

 4B0000

 FFA988

 320002

 FFC5A2

 000000

 FFE1BE

 FFFED9

 FFFFF6

 A24027

 A24027

 A23317

 A24D37

 A22607

 A25A47

 A22100

 A26758

 A27468

 A28178

 A28D88

 A29A98

 A2A7A9

 A2B4B9

# Harmonies

## Analogous

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



AC3150



A24027



885400

# Triad

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



A24027



007143



0D5FB4

# Complementary

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



A24027



2789A2

# 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.



006BB1



A24027



007370

# Square

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



A24027



316C17



007198



764BA0

# Rectangle

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



A24027



705E00



007198



0064B6



# Sweetspot

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



A24027



D4ADA3



A22789



6B534D



EBEBEB



6B6B6B



# Same Dimension

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



A24027



D43A13



A27D27



524B49



911E00



120400



# Inverse Universe

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



2789A2



13ADD4



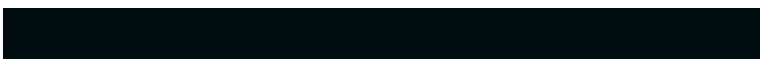
274CA2



495052



007491



000E12



# Previews

## White Background



This preview shows how the Hex color A24027 looks on a white background.

## Color Contrast Check

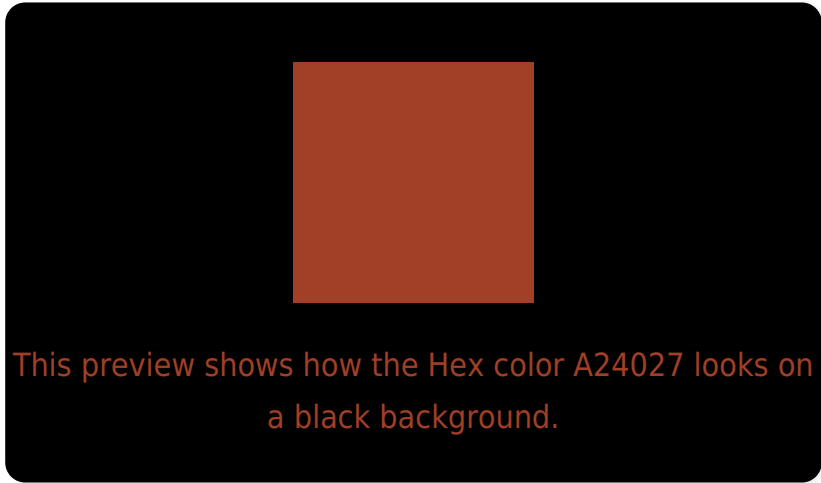
Large Text (above 18pt) WCAG AA ✓ Pass

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 A24027 Background



This preview shows how black text looks on a background with the Hex color A24027.



This preview shows how white text looks on a background with the Hex color A24027.

# 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](#).

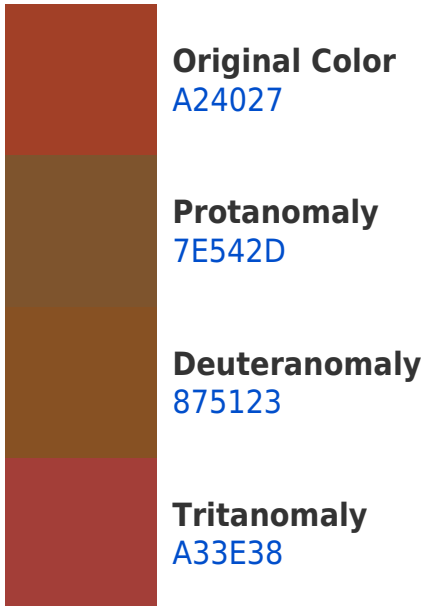
## Dichromacy



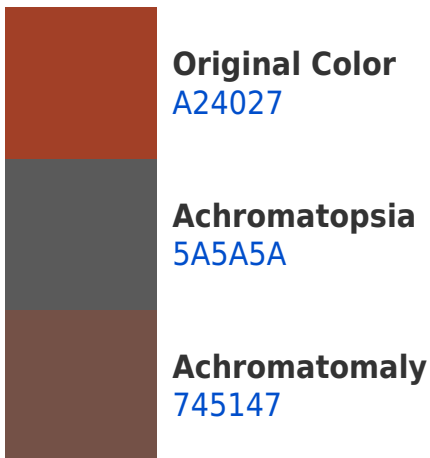


**Tritanopia**  
A33D41

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A24027 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 #A24027 looks like.

```
.text, #text, p{  
    color:#A24027  
}
```

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 #A24027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A24027
}
```

## Border

The CSS property to change the border of an element to Hex A24027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

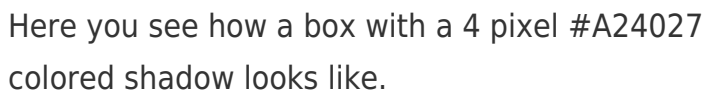
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A24027 }
```

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

```
.border{ border-color:#A24027 }
```

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



Here you see how a box with a 4 pixel `#A24027` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A24027; -webkit-box-shadow:4px 4px  
4px 4px #A24027; box-shadow:4px 4px 4px  
4px #A24027 }
```

# Background

The CSS property to change the background color of an element to Hex A24027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A24027 }
```

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

```
.background{ background-color:#A24027 }
```

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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