

# Converting Colors

Hex(A24E27)

Have a look what the booklet for  
Hex(A24E27) contains.

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# Color

Hex(A24E27)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A24E27
RGB	162, 78, 39
RGB Percent	64%, 31%, 15%
CMY	0.3647, 0.6941, 0.8471
CMYK	0.00, 0.52, 0.76, 0.36
HSL	19°, 61%, 39%
HSV	19°, 76%, 64%
XYZ	17.9909, 13.2766, 3.5339
YIQ	98.6700, 62.5830, 5.6790

# Conversions

## Conversions Part 2

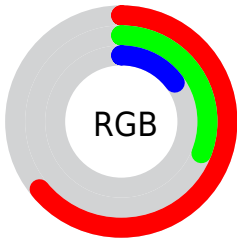
Format	Color
<a href="#">RYB</a>	162, 96, 39
Decimal	10636839
CIELab	43.18, 32.01, 38.23
CIELCh	43, 49.864, 50.064
Yxy	13.2766, 0.5170, 0.3815
Android (android.graphics.Color)	4288826919 (0xFFA24E27)
YUV	98.6700, -29.4173, 55.5404
Hunter-Lab	36.4371, 24.3697, 19.7557

# Details

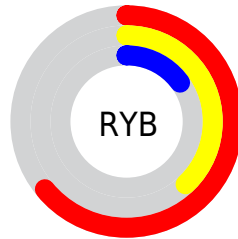
The Hex color **A24E27** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **277BA2**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **DE8156**, and **691D00** is the 20% darker color. If you saturate the color by 10%, you get **A24317**, and if you desaturate by 10%, it is **A25937**.

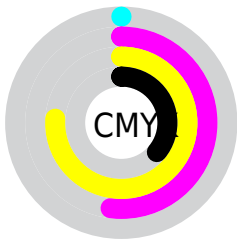
# Distribution



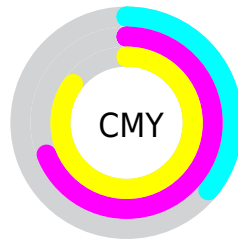
- Red (64%)
- Green (31%)
- Blue (15%)



- Red (64%)
- Yellow (38%)
- Blue (15%)



- Cyan (0%)
- Magenta (52%)
- Yellow (76%)
- Black (36%)



- Cyan (36%)
- Magenta (69%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A24E27 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 A24E27 by changing the saturation by 10% instead.





A24E27



A24E27

FFFFFF



853610



DE8156



691D00



FC9B6F



4C0300



FFB789



320000



FFD2A4



070000



FFEFBF



000000



FFFFDB



FFFFFF8



A24E27



A24E27

■ A24317

■ A25937

■ A23807

■ A26447

■ A23300

■ A26F58

■ A27A68

■ A28578

■ A29088

■ A29B98

■ A2A7A9

■ A2B2B9

# Harmonies

## Analogous

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



B03F4C



A24E27



865F07

# Triad

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



A24E27



007856



4A61B4

# Complementary

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



A24E27



277BA2

# 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.



006FB7



A24E27



007981

# Square

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



A24E27



2B742D



0077A5



8A4E9B

# Rectangle

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



A24E27



6D6802



0077A5



1F66B8



# Sweetspot

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



A24E27



D4B2A3



A2277B



6B574D



EBEBEB



6B6B6B



# Same Dimension

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



A24E27



D45013



A28B27



524C49



912E00



120600



# Inverse Universe

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



277BA2



1397D4



273EA2



494F52



006391



000C12



# Previews

## White Background



This preview shows how the Hex color A24E27 looks on a white background.

## Color Contrast Check

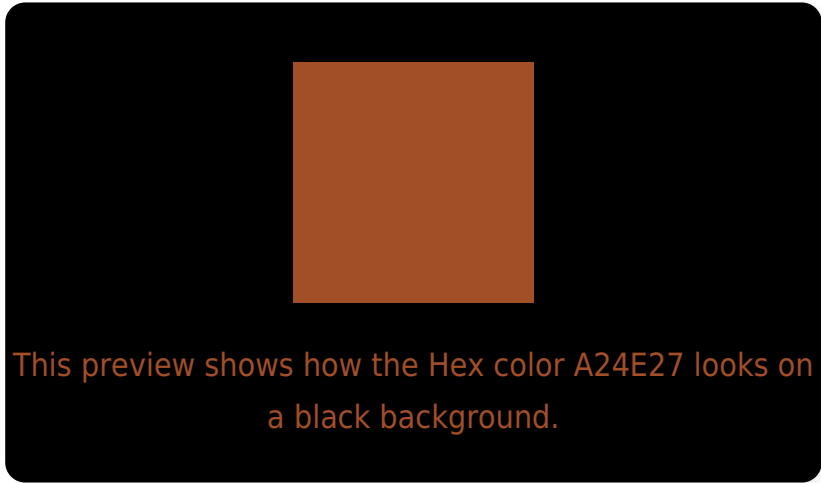
Large Text (above 18pt) WCAG AA ✓ Pass

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 A24E27 Background



This preview shows how black text looks on a background with the Hex color A24E27.



This preview shows how white text looks on a background with the Hex color A24E27.

# 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**  
A24E27

**Protanopia**  
72672E

**Deuteranopia**  
806122



**Tritanopia**  
A44A4F

# Trichromacy



**Original Color**  
A24E27

**Protanomaly**  
835E2B

**Deuteranomaly**  
8C5A24

**Tritanomaly**  
A34B40

# Monochromacy



**Original Color**  
A24E27

**Achromatopsia**  
636363

**Achromatomaly**  
7A5B4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A24E27 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 #A24E27 looks like.

```
.text, #text, p{  
    color:#A24E27  
}
```

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 #A24E27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A24E27
}
```

## Border

The CSS property to change the border of an element to Hex A24E27 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
#A24E27 }
```

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

```
.border{ border-color:#A24E27 }
```

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

Here you see how a box with a 4 pixel #A24E27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A24E27; -webkit-box-shadow:4px 4px  
4px 4px #A24E27; box-shadow:4px 4px 4px  
4px #A24E27 }
```

# Background

The CSS property to change the background color of an element to Hex A24E27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A24E27 }
```

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

```
.background{ background-color:#A24E27 }
```

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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