

# Converting Colors

Hex(A23418)

Have a look what the booklet for  
Hex(A23418) contains.

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**Color**

**Hex(A23418)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A23418
RGB	162, 52, 24
RGB Percent	64%, 20%, 9%
CMY	0.3647, 0.7961, 0.9059
CMYK	0.00, 0.68, 0.85, 0.36
HSL	12°, 74%, 36%
HSV	12°, 85%, 64%
XYZ	16.2932, 10.2033, 1.9748
YIQ	81.6980, 74.5480, 14.6120

# Conversions

## Conversions Part 2

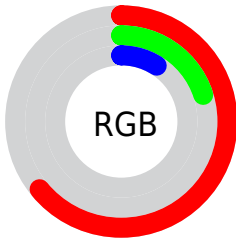
Format	Color
R <sub>Y</sub> B	162, 59, 24
Decimal	10630168
CIE Lab	38.20, 44.11, 40.91
CIE LCh	38, 60.161, 42.843
Yxy	10.2033, 0.5723, 0.3584
Android (android.graphics.Color)	4288820248 (0xFFA23418)
YUV	81.6980, -28.4451, 70.4249
Hunter-Lab	31.9426, 35.1489, 18.6942

# Details

The Hex color **A23418** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1886A2**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **DF6846**, and **660000** is the 20% darker color. If you saturate the color by 10%, you get **A22708**, and if you desaturate by 10%, it is **A24128**.

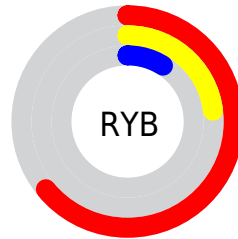
# Distribution



Red (64%)

Green (20%)

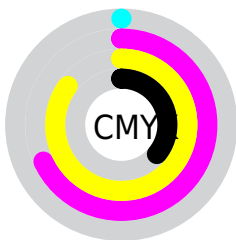
Blue (9%)



Red (64%)

Yellow (23%)

Blue (9%)

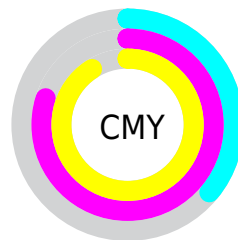


Cyan (0%)

Magenta (68%)

Yellow (85%)

Black (36%)



Cyan (36%)

Magenta (80%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A23418 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 A23418 by changing the saturation by 10% instead.



 A23418

 A23418

FFFFFF

 841700

 DF6846

 660000

 FF835F

 490000

 FF9E78

 2F0002

 FFBA92

 000000

 FFD6AD

 FFF3C8

 FFFF5E

 A23418

 A23418

■ A22708

■ A24128

■ A22100

■ A24E38

■ A25B49

■ A26859

■ A27569

■ A28179

■ A28E89

■ A29B9A

■ A2A8AA

# Harmonies

## Analogous

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



AE1A47



A23418



844D00

# Triad

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



A23418



006D3B



0059BA

# Complementary

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



A23418



1886A2

# 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.



0067B8



A23418



006F6E

# Square

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



A23418



1C6800



006E9C



7541A2

# Rectangle

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



A23418



6A5A00



006E9C



005FBC



# Sweetspot

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



A23418



D4A89D



A21886



6B514A



EBEBEB



6B6B6B



# Same Dimension

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



A23418



D42B00



A27918



524B49



911D00



120400



# Inverse Universe

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



1886A2



00A9D4



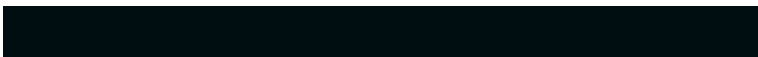
1841A2



495052



007491



000E12



# Previews

## White Background



This preview shows how the Hex color A23418 looks on a white background.

## Color Contrast Check

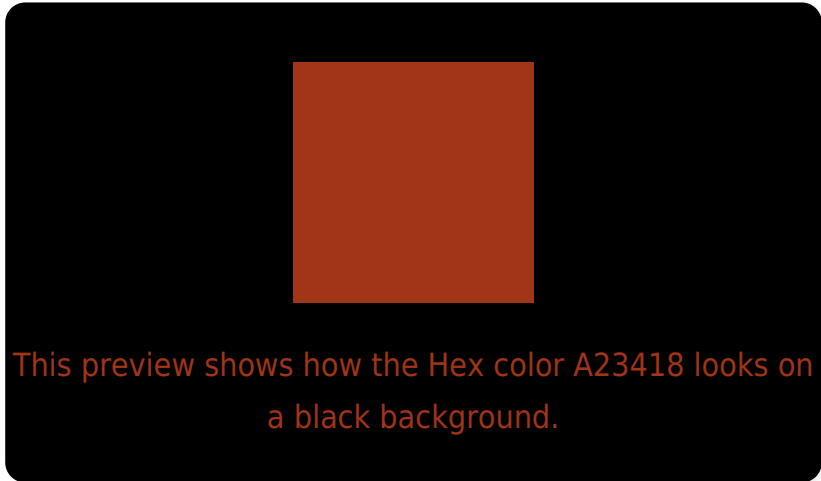
Large Text (above 18pt) WCAG AA ✓ Pass

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 A23418 Background



This preview shows how black text looks on a background with the Hex color A23418.



This preview shows how white text looks on a background with the Hex color A23418.

# 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**  
A23418

**Protanopia**  
665B22

**Deuteranopia**  
735603



# Trichromacy



**Original Color**  
A23418

**Protanomaly**  
7C4D1E

**Deuteranomaly**  
844A0B

**Tritanomaly**  
A33229

# Monochromacy



**Original Color**  
A23418

**Achromatopsia**  
525252

**Achromatomaly**  
6F473D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A23418 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 #A23418 looks like.

```
.text, #text, p{  
    color:#A23418  
}
```

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 #A23418 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A23418
}
```

## Border

The CSS property to change the border of an element to Hex A23418 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
#A23418 }
```

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

```
.border{ border-color:#A23418 }
```

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

Here you see how a box with a 4 pixel #A23418 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A23418; -webkit-box-shadow:4px 4px  
4px 4px #A23418; box-shadow:4px 4px 4px  
4px #A23418 }
```

# Background

The CSS property to change the background color of an element to Hex A23418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A23418 }
```

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

```
.background{ background-color:#A23418 }
```

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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