

# Converting Colors

Hex(A2340F)

Have a look what the booklet for  
Hex(A2340F) contains.

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**Color**

**Hex(A2340F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2340F
RGB	162, 52, 15
RGB Percent	64%, 20%, 6%
CMY	0.3647, 0.7961, 0.9412
CMYK	0.00, 0.68, 0.91, 0.36
HSL	15°, 83%, 35%
HSV	15°, 91%, 64%
XYZ	16.2145, 10.1719, 1.5607
YIQ	80.6720, 77.4370, 11.8130

# Conversions

## Conversions Part 2

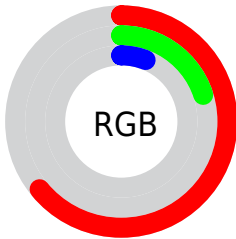
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 64, 15
Decimal	10630159
CIE <sub>Lab</sub>	38.15, 43.90, 44.78
CIE <sub>LCh</sub>	38, 62.711, 45.564
Yxy	10.1719, 0.5802, 0.3640
Android (android.graphics.Color)	4288820239 (0xFFA2340F)
YUV	80.6720, -32.3763, 71.3247
Hunter-Lab	31.8933, 34.9357, 19.4240

# Details

The Hex color **A2340F** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0F7DA2**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **E0683F**, and **660000** is the 20% darker color. If you saturate the color by 10%, you get **A22900**, and if you desaturate by 10%, it is **A2401F**.

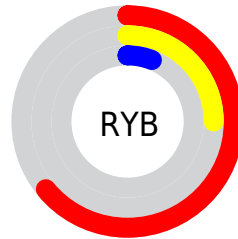
# Distribution



Red (64%)

Green (20%)

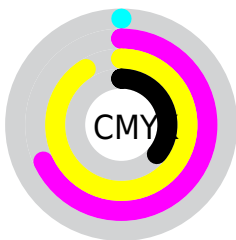
Blue (6%)



Red (64%)

Yellow (25%)

Blue (6%)

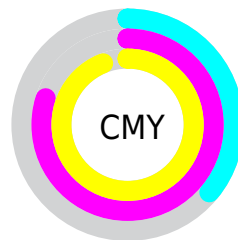


Cyan (0%)

Magenta (68%)

Yellow (91%)

Black (36%)



Cyan (36%)

Magenta (80%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2340F 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 A2340F by changing the saturation by 10% instead.



 A2340F

 A2340F

 FFFFFFF9

 841800

 E0683F

 660000

 FF8357

 490000

 FF9E70

 2F0002

 FFBA8A

 000000

 FFD6A5

 FFF3C0

 FFFFDD

 A2340F

 A2340F

 A22900

 A2401F

 A24C2F

 A25840

 A26450

 A27160

 A27D70

 A28980

 A29591

 A2A1A1

# Harmonies

## Analogous

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



B11342



A2340F



824E00

# Triad

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



A2340F



006E3F



0057BD

# Complementary

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



A2340F



0F7DA2

# 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.



0067BD



A2340F



006F74

# Square

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



A2340F



036900



006EA2



7B3DA2

# Rectangle

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



A2340F



665B00



006EA2



005EC0



# Sweetspot

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



A2340F



D4A99B



A20F7D



6B5149



EBEBEB



6B6B6B



# Same Dimension

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



A2340F



D43500



A27D0F



524B49



912500



120400



# Inverse Universe

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



0F7DA2



009ED4



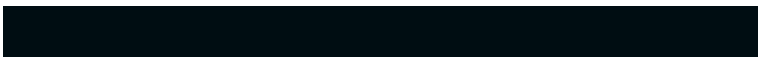
0F34A2



495052



006D91



000D12



# Previews

## White Background



This preview shows how the Hex color A2340F 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 A2340F Background



This preview shows how black text looks on a background with the Hex color A2340F.



This preview shows how white text looks on a background with the Hex color A2340F.

# 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



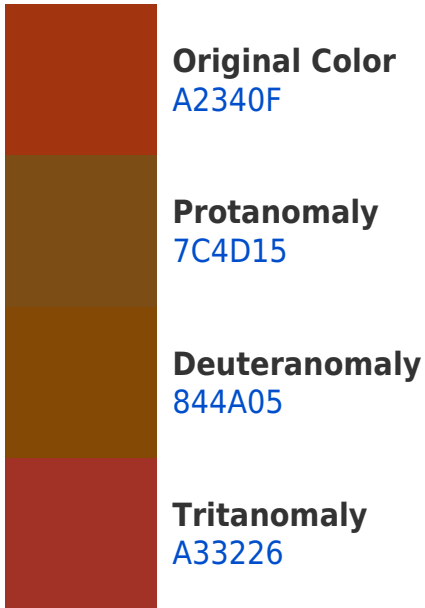
**Original Color**  
A2340F

**Protanopia**  
665B19

**Deuteranopia**  
735600



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2340F 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 #A2340F looks like.

```
.text, #text, p{  
    color:#A2340F  
}
```

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 #A2340F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2340F
}
```

## Border

The CSS property to change the border of an element to Hex A2340F 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
#A2340F }
```

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

```
.border{ border-color:#A2340F }
```

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

Here you see how a box with a 4 pixel #A2340F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2340F; -webkit-box-shadow:4px 4px  
4px 4px #A2340F; box-shadow:4px 4px 4px  
4px #A2340F }
```

# Background

The CSS property to change the background color of an element to Hex A2340F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2340F }
```

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

```
.background{ background-color:#A2340F }
```

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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