

# Converting Colors

Hex(A34100)

Have a look what the booklet for  
Hex(A34100) contains.

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**Color**

**Hex(A34100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A34100
RGB	163, 65, 0
RGB Percent	64%, 25%, 0%
CMY	0.3608, 0.7451, 1.0000
CMYK	0.00, 0.60, 1.00, 0.36
HSL	24°, 100%, 32%
HSV	24°, 100%, 64%
XYZ	16.9946, 11.5671, 1.3370
YIQ	86.8920, 79.2730, 0.5610

# Conversions

## Conversions Part 2

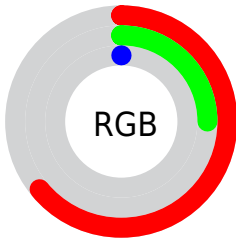
Format	Color
<a href="#">RYB</a>	<a href="#">163, 108, 0</a>
Decimal	<a href="#">10699008</a>
CIELab	<a href="#">40.52, 38.06, 51.31</a>
CIELCh	<a href="#">41, 63.885, 53.429</a>
Yxy	<a href="#">11.5671, 0.5684, 0.3869</a>
Android (android.graphics.Color)	<a href="#">4288889088</a> (0xFFA34100)
YUV	<a href="#">86.8920, -42.8378, 66.7467</a>
Hunter-Lab	<a href="#">34.0105, 29.6756, 21.4766</a>

# Details

The Hex color **A34100** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0062A3**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **E17437**, and **670B00** is the 20% darker color. If you saturate the color by 10%, you get **A34100**, and if you desaturate by 10%, it is **A34B10**.

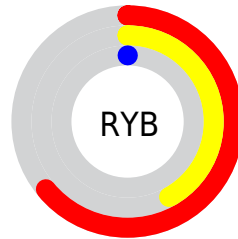
# Distribution



Red (64%)

Green (25%)

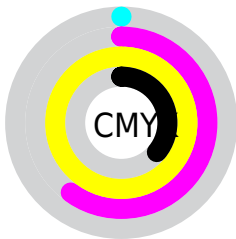
Blue (0%)



Red (64%)

Yellow (42%)

Blue (0%)

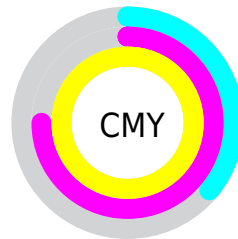


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (75%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A34100 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 A34100 by changing the saturation by 10% instead.



 A34100

 A34100

 FFFFF2

 852800

 E17437

 670B00


 FF8E50

 4A0000

 FFA969

 310001

 FFC583

 000000

 FFE29E

 FFFFB9

 FFFF5D

 A34100

 A34B10

 A35521

 A35E31

 A36841

 A37252

 A37C62

 A38672

 A38F82

 A39993

# Harmonies

## Analogous

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



B8223A



A34100



7E5900

# Triad

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



A34100



007552



3B57C1

# Complementary

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



A34100



0062A3

# 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.



006AC9



A34100



007688

# Square

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



A34100



007119



0073B4



923A9F

# Rectangle

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



A34100



5F6500



0073B4



005EC7



# Sweetspot

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



A34100



D4AD94



A30065



6B5445



EBEBEB



6B6B6B



# Same Dimension

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



A34100



D45400



A39000



524D49



913A00



120700



# Inverse Universe

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



0062A3



007FD4



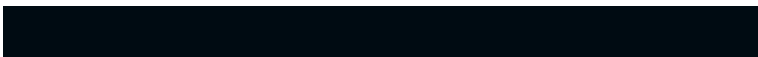
0013A3



494E52



005791



000B12



# Previews

## White Background



This preview shows how the Hex color A34100 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

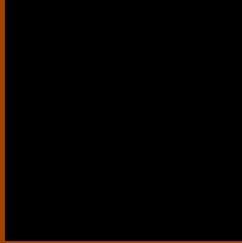
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A34100 Background



This preview shows how black text looks on a background with the Hex color A34100.



This preview shows how white text looks on a background with the Hex color A34100.

# 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**  
A34100

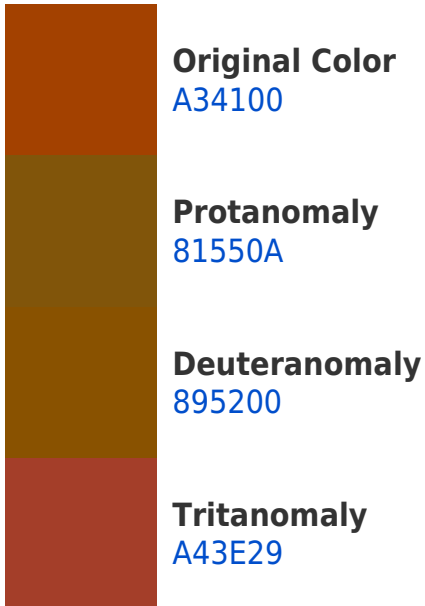
**Protanopia**  
6D6110

**Deuteranopia**  
7A5C00



**Tritanopia**  
A43D40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A34100 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 #A34100 looks like.

```
.text, #text, p{  
    color:#A34100  
}
```

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 #A34100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A34100
}
```

## Border

The CSS property to change the border of an element to Hex A34100 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
#A34100 }
```

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

```
.border{ border-color:#A34100 }
```

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

Here you see how a box with a 4 pixel #A34100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A34100; -webkit-box-shadow:4px 4px  
4px 4px #A34100; box-shadow:4px 4px 4px  
4px #A34100 }
```

# Background

The CSS property to change the background color of an element to Hex A34100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A34100 }
```

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

```
.background{ background-color:#A34100 }
```

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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