

# Converting Colors

Hex(A34B21)

Have a look what the booklet for  
Hex(A34B21) contains.

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**Color**

**Hex(A34B21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A34B21
RGB	163, 75, 33
RGB Percent	64%, 29%, 13%
CMY	0.3608, 0.7059, 0.8706
CMYK	0.00, 0.54, 0.80, 0.36
HSL	19°, 66%, 38%
HSV	19°, 80%, 64%
XYZ	17.8948, 12.9285, 2.9911
YIQ	96.5240, 65.9300, 5.5940

# Conversions

## Conversions Part 2

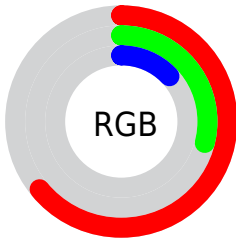
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 95, 33
Decimal	10701601
CIE Lab	42.66, 33.75, 40.78
CIE LCh	43, 52.935, 50.393
Yxy	12.9285, 0.5292, 0.3823
Android (android.graphics.Color)	4288891681 (0xFFA34B21)
YUV	96.5240, -31.3173, 58.2995
Hunter-Lab	35.9562, 25.9133, 20.2371

# Details

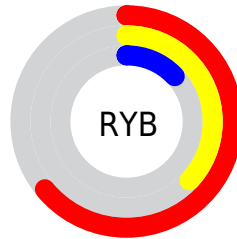
The Hex color **A34B21** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2179A3**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **DF7E50**, and **691A00** is the 20% darker color. If you saturate the color by 10%, you get **A34011**, and if you desaturate by 10%, it is **A35631**.

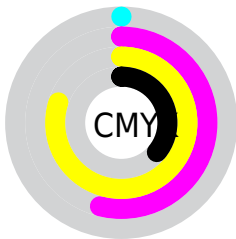
# Distribution



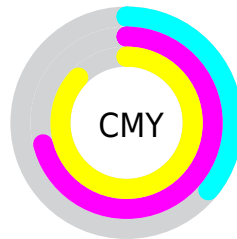
- Red (64%)
- Green (29%)
- Blue (13%)



- Red (64%)
- Yellow (37%)
- Blue (13%)



- Cyan (0%)
- Magenta (54%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (71%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A34B21 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 A34B21 by changing the saturation by 10% instead.



 A34B21

 A34B21

FFFFFF

 863309

 DF7E50

 691A00

 FE9869

 4C0000

 FFB483

 320000

 FFCF9D

 050000

 FFECB9

 000000

 FFFFD4

 FFFFF1

 A34B21

 A34B21

■ A34011

■ A35631

■ A33500

■ A36142

■ A36C52

■ A37762

■ A38272

■ A38D83

■ A39893

■ A3A3A3

■ A3AEB4

# Harmonies

## Analogous

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



B23A49



A34B21



855E00

# Triad

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



A34B21



007855



465FB7

# Complementary

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



A34B21



2179A3

# 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.



006EBB



A34B21



007982

# Square

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



A34B21



217428



0076A8



8B4B9D

# Rectangle

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



A34B21



6B6800



0076A8



0865BB



# Sweetspot

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



A34B21



D4B1A1



A3217A



6B564C



EBEBEB



6B6B6B



# Same Dimension

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



A34B21



D44A08



A38B21



524C49



912F00



120600



# Inverse Universe

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



2179A3



0892D4



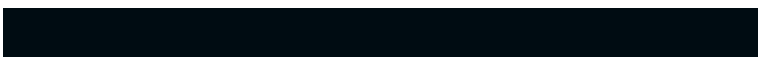
2139A3



494F52



006291



000C12



# Previews

## White Background



This preview shows how the Hex color A34B21 looks on a white background.

## Color Contrast Check

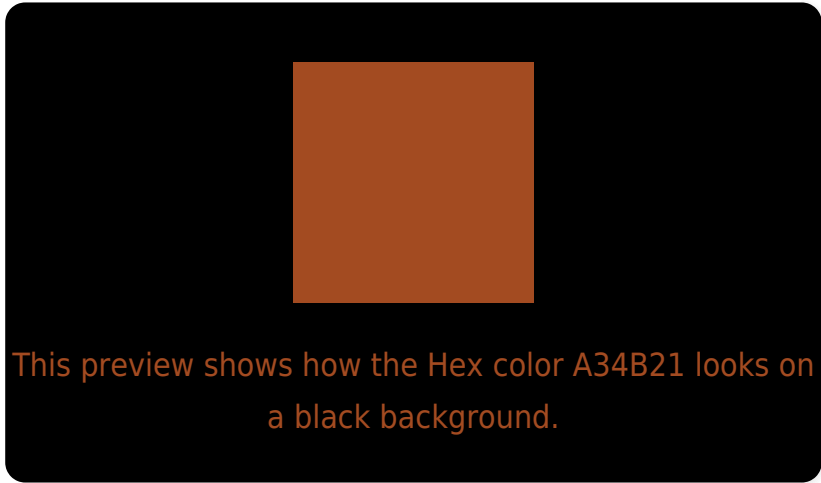
Large Text (above 18pt) WCAG AA ✓ Pass

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 A34B21 Background



This preview shows how black text looks on a background with the Hex color A34B21.



This preview shows how white text looks on a background with the Hex color A34B21.

# 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**  
A34B21

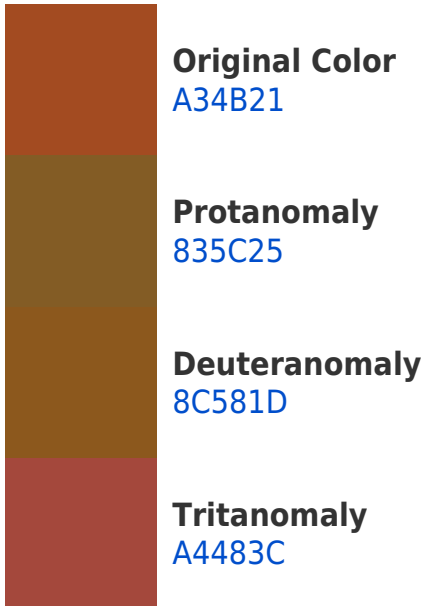
**Protanopia**  
716628

**Deuteranopia**  
7F601A



**Tritanopia**  
A5474B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A34B21 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 #A34B21 looks like.

```
.text, #text, p{  
    color:#A34B21  
}
```

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 #A34B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A34B21
}
```

## Border

The CSS property to change the border of an element to Hex A34B21 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
#A34B21 }
```

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

```
.border{ border-color:#A34B21 }
```

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

Here you see how a box with a 4 pixel #A34B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A34B21; -webkit-box-shadow:4px 4px  
4px 4px #A34B21; box-shadow:4px 4px 4px  
4px #A34B21 }
```

# Background

The CSS property to change the background color of an element to Hex A34B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A34B21 }
```

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

```
.background{ background-color:#A34B21 }
```

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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