

# Converting Colors

Hex(A36941)

Have a look what the booklet for  
Hex(A36941) contains.

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**Color**

**Hex(A36941)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A36941
RGB	163, 105, 65
RGB Percent	64%, 41%, 25%
CMY	0.3608, 0.5882, 0.7451
CMYK	0.00, 0.36, 0.60, 0.36
HSL	24°, 43%, 45%
HSV	24°, 60%, 64%
XYZ	21.1100, 18.2713, 7.4151
YIQ	117.7820, 47.4080, -0.1440

# Conversions

## Conversions Part 2

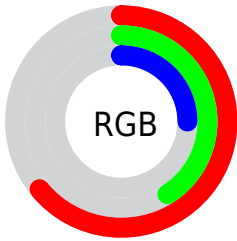
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 133, 65
Decimal	10709313
CIELab	49.82, 19.08, 31.82
CIELCh	50, 37.096, 59.054
Yxy	18.2713, 0.4511, 0.3904
Android (android.graphics.Color)	4288899393 (0xFFA36941)
YUV	117.7820, -26.0215, 39.6562
Hunter-Lab	42.7450, 13.3500, 19.6362

# Details

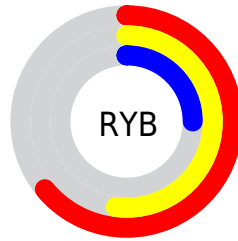
The Hex color **A36941** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **417BA3**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **DD9D72**, and **6B3914** is the 20% darker color. If you saturate the color by 10%, you get **A35F31**, and if you desaturate by 10%, it is **A37351**.

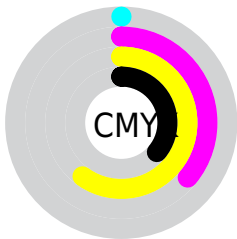
# Distribution



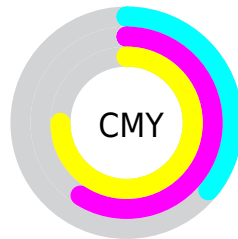
- Red (64%)
- Green (41%)
- Blue (25%)



- Red (64%)
- Yellow (52%)
- Blue (25%)



- Cyan (0%)
- Magenta (36%)
- Yellow (60%)
- Black (36%)



- Cyan (36%)
- Magenta (59%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A36941 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 A36941 by changing the saturation by 10% instead.



 A36941

 A36941

FFFFFF

 87512A

 DD9D72

 6B3914

 FBB78C

 512300

 FFD3A6

 370E00

 FFF0C2

 200001

 FFFFDE

 000000

 FFFFFA

 A36941

 A36941

 A35F31

 A37351

 A35620

 A37C62

 A34C10

 A38672

 A34300

 A39082

 A39993

 A3A3A3

 A3ADB3

 A3B6C3

 A3C0D4

# Harmonies

## Analogous

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



B15F5A



A36941



8A7436

# Triad

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



A36941



008674



776FAE

# Complementary

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



A36941



417BA3

# 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.



3D7AB5



A36941



008694

# Square

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



A36941



438455



0082AC



9D6397

# Rectangle

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



A36941



767B39



0082AC



6773B2



# Sweetspot

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



A36941



D4BDAE



A3417C



6B5D54



EBEBEB



6B6B6B



# Same Dimension

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



A36941



D4793B



A39941



524D49



913B00



120700



# Inverse Universe

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



417BA3



3B95D4



414BA3



494E52



005691

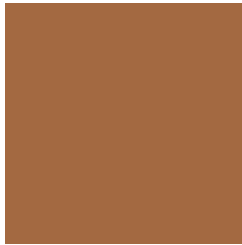


000B12



# Previews

## White Background



This preview shows how the Hex color A36941 looks on a white background.

## Color Contrast Check

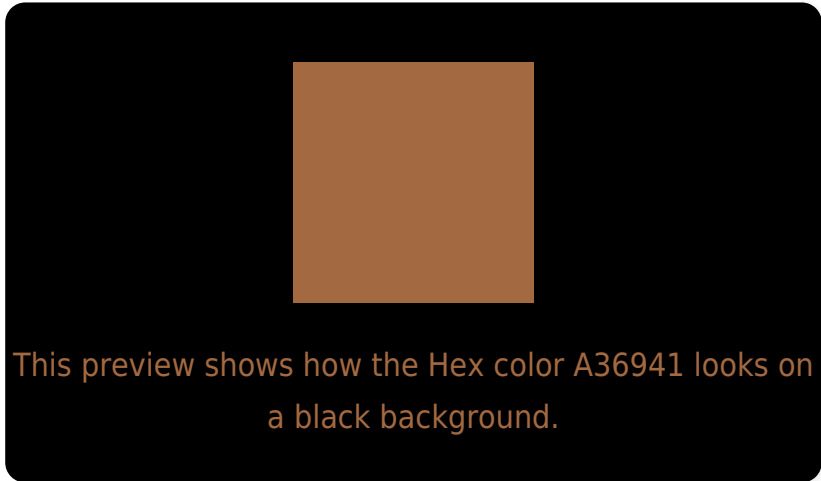
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

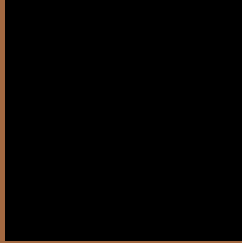
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A36941 Background



This preview shows how black text looks on a background with the Hex color A36941.



This preview shows how white text looks on a background with the Hex color A36941.

# 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**  
A36941

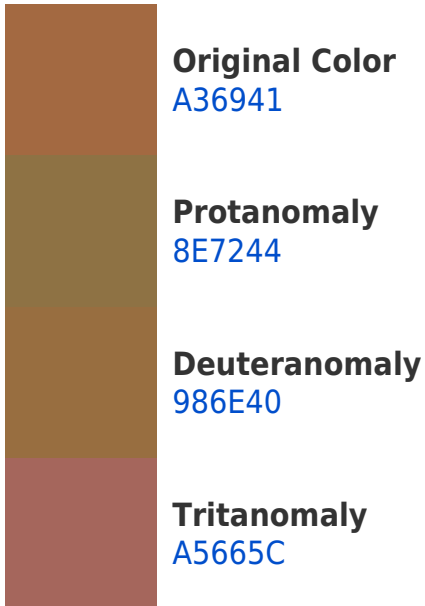
**Protanopia**  
827746

**Deuteranopia**  
92713F

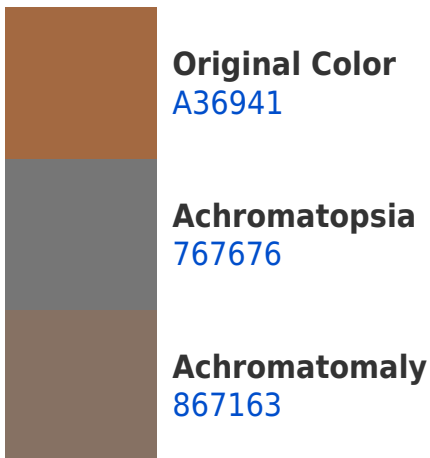


**Tritanopia**  
A6646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A36941 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 #A36941 looks like.

```
.text, #text, p{  
    color:#A36941  
}
```

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 #A36941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A36941
}
```

## Border

The CSS property to change the border of an element to Hex A36941 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
#A36941 }
```

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

```
.border{ border-color:#A36941 }
```

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

Here you see how a box with a 4 pixel #A36941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A36941; -webkit-box-shadow:4px 4px  
4px 4px #A36941; box-shadow:4px 4px 4px  
4px #A36941 }
```

# Background

The CSS property to change the background color of an element to Hex A36941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A36941 }
```

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

```
.background{ background-color:#A36941 }
```

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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