

# Converting Colors

Hex(A35A44)

Have a look what the booklet for  
Hex(A35A44) contains.

<b>Hex(A35A44)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A35A44)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A35A44
RGB	163, 90, 68
RGB Percent	64%, 35%, 27%
CMY	0.3608, 0.6471, 0.7333
CMYK	0.00, 0.45, 0.58, 0.36
HSL	14°, 41%, 45%
HSV	14°, 58%, 64%
XYZ	19.8038, 15.5162, 7.4200
YIQ	109.3190, 50.5700, 8.6340

# Conversions

## Conversions Part 2

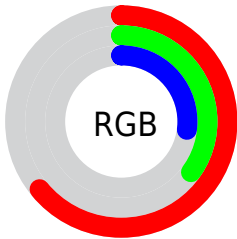
Format	Color
R <sub>Y</sub> B	163, 97, 68
Decimal	10705476
CIE Lab	46.33, 27.74, 25.78
CIE LCh	46, 37.871, 42.900
Yxy	15.5162, 0.4634, 0.3630
Android (android.graphics.Color)	4288895556 (0xFFA35A44)
YUV	109.3190, -20.3703, 47.0782
Hunter-Lab	39.3906, 20.8081, 16.4050

# Details

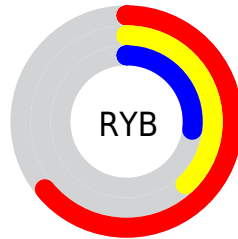
The Hex color **A35A44** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **448DA3**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **DD8D75**, and **6B2A18** is the 20% darker color. If you saturate the color by 10%, you get **A34D34**, and if you desaturate by 10%, it is **A36754**.

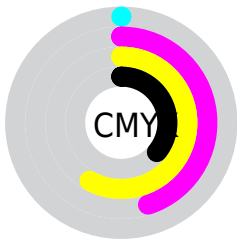
# Distribution



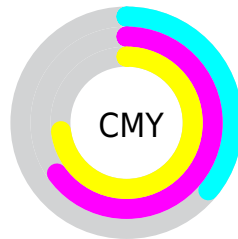
- Red (64%)
- Green (35%)
- Blue (27%)



- Red (64%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (45%)
- Yellow (58%)
- Black (36%)



- Cyan (36%)
- Magenta (65%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A35A44 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 A35A44 by changing the saturation by 10% instead.





A35A44



A35A44

FFFFFF



87422D



DD8D75



6B2A18



FBA88E



501300



FFC3A9



350000



FFE0C4



190001



FFFCE0



000000

FFFFFFD



A35A44



A35A44



A34D34



A36754

 A34123

 A37365

 A33413

 A38075

 A32803

 A38C85

 A32600

 A39996

 A3A5A6

 A3B2B6

 A3BEC6

 A3CBD7

# Harmonies

## Analogous

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



A95361



A35A44



8F6630

# Triad

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



A35A44



1A7D5A



516CAC

# Complementary

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



A35A44



448DA3

# 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.



0076AA



A35A44



007E7B

# Square

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



A35A44



50783D



007C98



82609C

# Rectangle

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



A35A44



7D6D2C



007C98



3970AD



# Sweetspot

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



A35A44



D4B8B0



A3448E



6B5B56



EBEBEB



6B6B6B



# Same Dimension

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



A35A44



D4623F



A38844



524B49



912200



120400



# Inverse Universe

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



448DA3



3FB1D4



445FA3



495052



007091



000E12



# Previews

## White Background



This preview shows how the Hex color A35A44 looks on a white background.

## Color Contrast Check

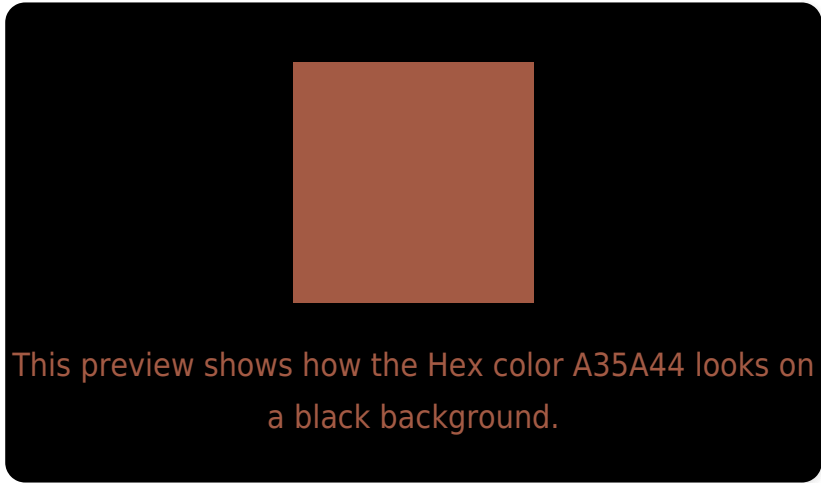
Large Text (above 18pt) WCAG AA ✓ Pass

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

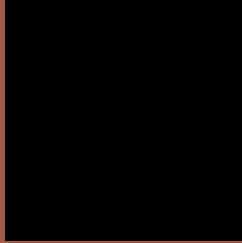
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A35A44 Background



This preview shows how black text looks on a background with the Hex color A35A44.



This preview shows how white text looks on a background with the Hex color A35A44.

# 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



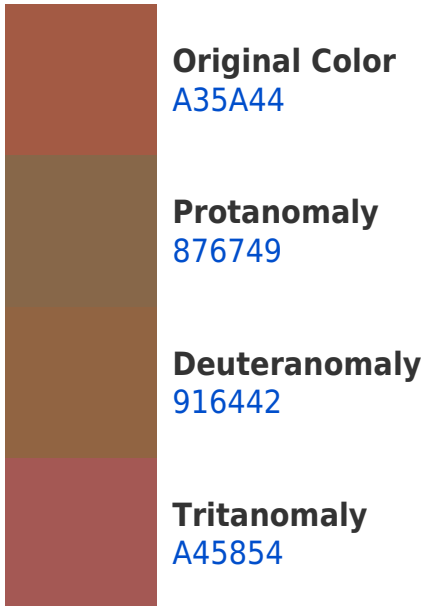
**Original Color**  
A35A44

**Protanopia**  
776E4C

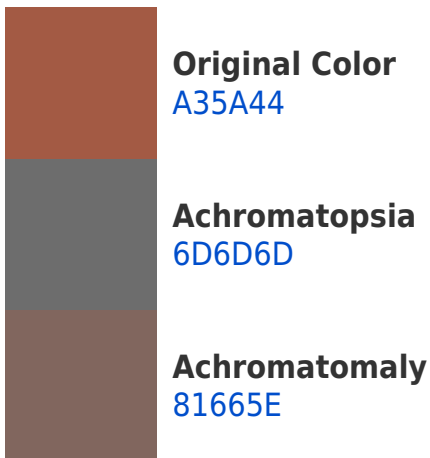
**Deuteranopia**  
866941



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A35A44 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 #A35A44 looks like.

```
.text, #text, p{  
    color:#A35A44  
}
```

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 #A35A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A35A44  
}
```

## Border

The CSS property to change the border of an element to Hex A35A44 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  
#A35A44 }
```

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

```
.border{ border-color:#A35A44 }
```

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

Here you see how a box with a 4 pixel #A35A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A35A44; -webkit-box-shadow:4px 4px  
4px 4px #A35A44; box-shadow:4px 4px 4px  
4px #A35A44 }
```

# Background

The CSS property to change the background color of an element to Hex A35A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A35A44 }
```

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

```
.background{ background-color:#A35A44 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor