

# Converting Colors

Hex(AC7353)

Have a look what the booklet for  
Hex(AC7353) contains.

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**Color**

**Hex(AC7353)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7353
RGB	172, 115, 83
RGB Percent	67%, 45%, 33%
CMY	0.3255, 0.5490, 0.6745
CMYK	0.00, 0.33, 0.52, 0.33
HSL	22°, 35%, 50%
HSV	22°, 52%, 67%
XYZ	24.7053, 21.6567, 11.0617
YIQ	128.3950, 44.2440, 2.1320

# Conversions

## Conversions Part 2

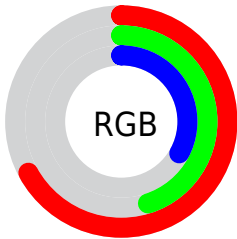
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 133, 83
Decimal	11301715
CIE Lab	53.66, 18.83, 26.78
CIE LCh	54, 32.742, 54.886
Yxy	21.6567, 0.4302, 0.3771
Android (android.graphics.Color)	4289491795 (0xFFAC7353)
YUV	128.3950, -22.3797, 38.2416
Hunter-Lab	46.5367, 13.3225, 18.4826

# Details

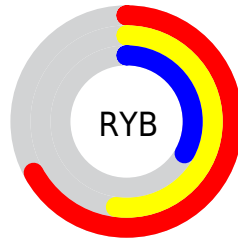
The Hex color **AC7353** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **538CAC**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E6A785**, and **754225** is the 20% darker color. If you saturate the color by 10%, you get **AC6842**, and if you desaturate by 10%, it is **AC7E64**.

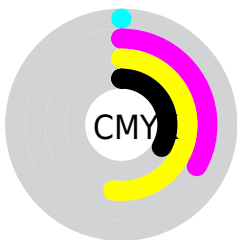
# Distribution



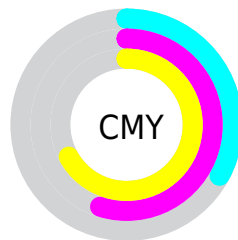
- Red (67%)
- Green (45%)
- Blue (33%)



- Red (67%)
- Yellow (52%)
- Blue (33%)



- Cyan (0%)
- Magenta (33%)
- Yellow (52%)
- Black (33%)



- Cyan (33%)
- Magenta (55%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC7353 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 AC7353 by changing the saturation by 10% instead.



 AC7353

 AC7353

FFFFFF

 905A3C

 E6A785

 754225

 FFC29F

 5A2C10

 FFDEBA

 411600

 FFFBD6

 280000

 FFFFF3

 000000

 AC7353

 AC7353

 AC6842

 AC7E64

 AC5D31

 AC8975

■ AC521F

■ AC9487

■ AC470E

■ AC9F98

■ AC3E00

■ ACAA9

■ ACB5BA

■ ACC0CB

■ ACCBDD

■ ACD6EE

# Harmonies

## Analogous

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



B76B6A



AC7353



977D48

# Triad

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



AC7353



318F7A



7C7BB3

# Complementary

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



AC7353



538CAC

# 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.



4C85B8



AC7353



008F97

# Square

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



AC7353



598C5F



048BAE



9F71A1

# Rectangle

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



AC7353



858349



048BAE



6E7EB7



# Sweetspot

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



AC7353



E0C9BC



AC538D



70635B



F0F0F0



707070



# Same Dimension

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



AC7353



E08755



AC9F53



57514E



963600



170800



# Inverse Universe

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



538CAC



55AEE0



5360AC



4E5457



006096



000F17



# Previews

## White Background



This preview shows how the Hex color AC7353 looks on a white background.

## Color Contrast Check

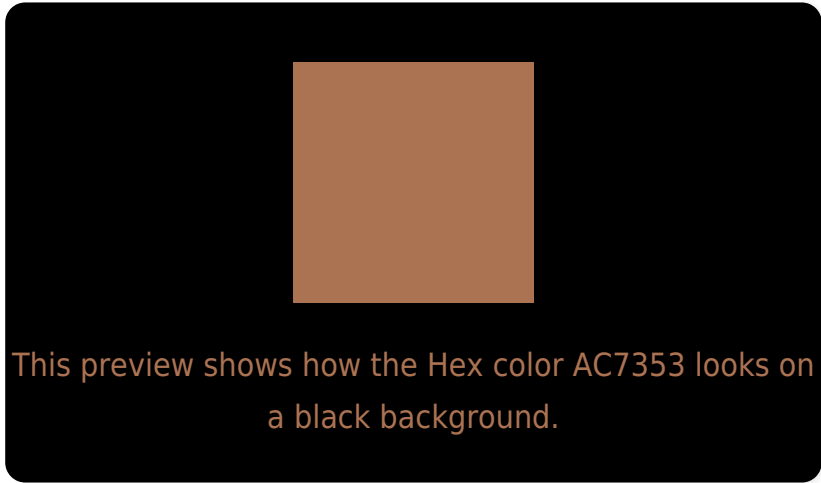
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 AC7353 Background



This preview shows how black text looks on a background with the Hex color AC7353.



This preview shows how white text looks on a background with the Hex color AC7353.

# 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**  
AC7353

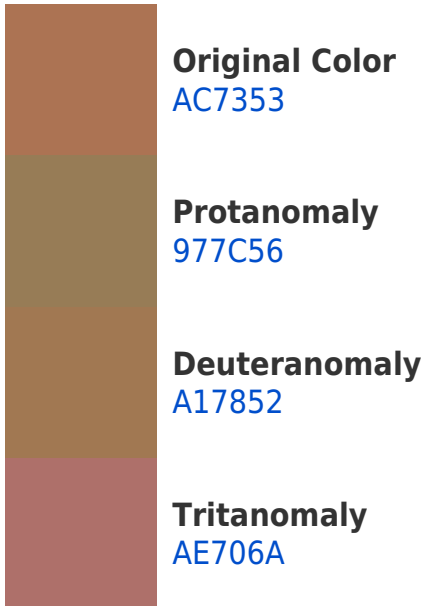
**Protanopia**  
8B8158

**Deuteranopia**  
9B7B51



**Tritanopia**  
AF6E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC7353 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 #AC7353 looks like.

```
.text, #text, p{  
    color:#AC7353  
}
```

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 #AC7353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7353
}
```

## Border

The CSS property to change the border of an element to Hex AC7353 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
#AC7353 }
```

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

```
.border{ border-color:#AC7353 }
```

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

Here you see how a box with a 4 pixel #AC7353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7353; -webkit-box-shadow:4px 4px  
4px 4px #AC7353; box-shadow:4px 4px 4px  
4px #AC7353 }
```

# Background

The CSS property to change the background color of an element to Hex AC7353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7353 }
```

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

```
.background{ background-color:#AC7353 }
```

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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