

# Converting Colors

Hex(AC5105)

Have a look what the booklet for  
Hex(AC5105) contains.

<b>Hex(AC5105)</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(AC5105)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC5105
RGB	172, 81, 5
RGB Percent	67%, 32%, 2%
CMY	0.3255, 0.6824, 0.9804
CMYK	0.00, 0.53, 0.97, 0.33
HSL	27°, 94%, 35%
HSV	27°, 97%, 67%
XYZ	19.9831, 14.6665, 1.9213
YIQ	99.5450, 78.6320, -4.3440

# Conversions

## Conversions Part 2

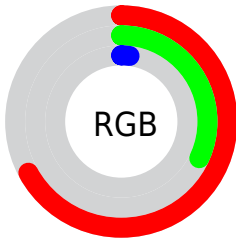
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 144, 5
Decimal	11292933
CIE <sub>Lab</sub>	45.17, 33.63, 53.40
CIE <sub>LCh</sub>	45, 63.111, 57.800
Yxy	14.6665, 0.5464, 0.4010
Android (android.graphics.Color)	4289483013 (0xFFAC5105)
YUV	99.5450, -46.6107, 63.5430
Hunter-Lab	38.2968, 26.1209, 23.8333

# Details

The Hex color **AC5105** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **0560AC**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **EA843D**, and **702000** is the 20% darker color. If you saturate the color by 10%, you get **AC4E00**, and if you desaturate by 10%, it is **AC5A16**.

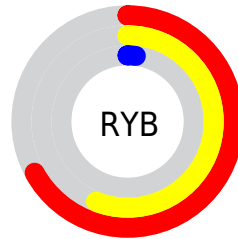
# Distribution



Red (67%)

Green (32%)

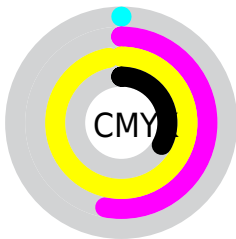
Blue (2%)



Red (67%)

Yellow (56%)

Blue (2%)

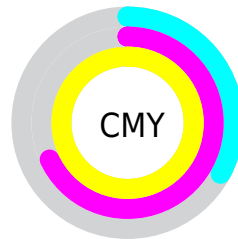


Cyan (0%)

Magenta (53%)

Yellow (97%)

Black (33%)



Cyan (33%)

Magenta (68%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC5105 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 AC5105 by changing the saturation by 10% instead.



 AC5105

 AC5105

 FFFFFFFB

 8E3900

 EA843D

 702000

 FF9F57

 530500

 FFBA71

 380000

 FFD68B

 1A0001

 FFF3A6

 000000

 FFFFC2

 FFFFDE

 AC5105

 AC5105

■ AC4E00

■ AC5A16

■ AC6427

■ AC6D39

■ AC764A

■ AC805B

■ AC896C

■ AC937D

■ AC9C8F

■ ACA5A0

# Harmonies

## Analogous

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



C3363D



AC5105



856700

# Triad

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



AC5105



008265



5D5FC9

# Complementary

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



AC5105



0560AC

# 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.



0073D5



AC5105



00829B

# Square

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



AC5105



007E2E



007EC4



A543A4

# Rectangle

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



AC5105



647200



007EC4



2C66D0



# Sweetspot

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



AC5105



E0BD9F



AC0561



705B49



F0F0F0



707070



# Same Dimension

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



AC5105



E06600



ACA405



57524E



964400



170A00



# Inverse Universe

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



0560AC



007AE0



050DAC



4E5357



005296

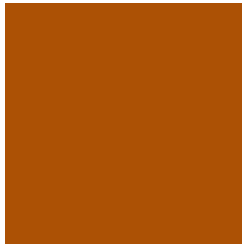


000D17



# Previews

## White Background



This preview shows how the Hex color AC5105 looks on a white background.

## Color Contrast Check

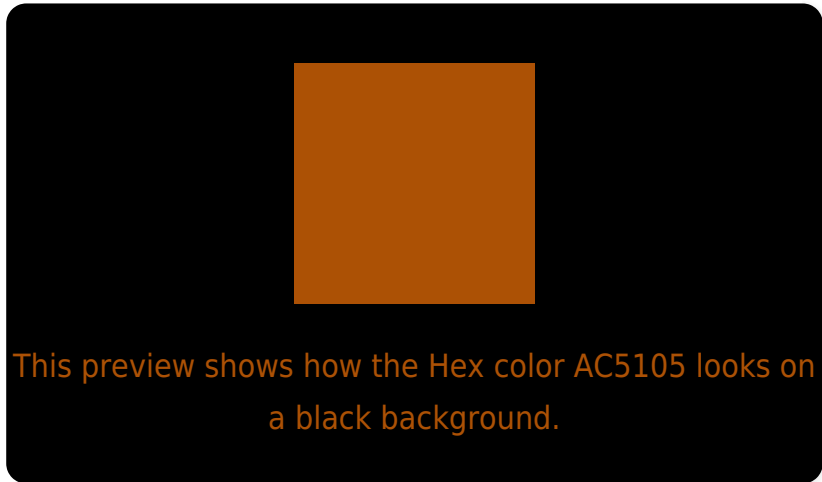
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC5105 Background



This preview shows how black text looks on a background with the Hex color AC5105.



This preview shows how white text looks on a background with the Hex color AC5105.

# 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**  
AC5105

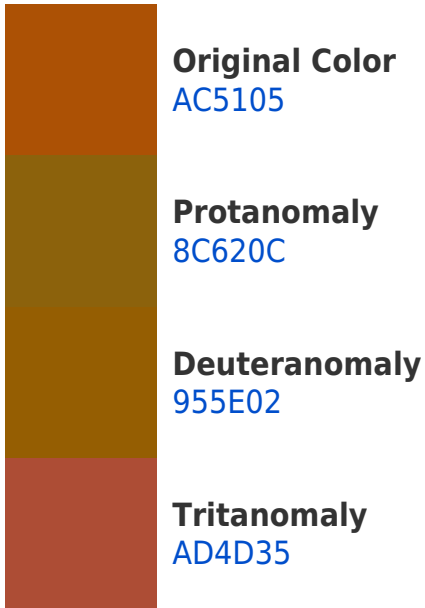
**Protanopia**  
796C10

**Deuteranopia**  
886600



**Tritanopia**  
AE4B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC5105 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 #AC5105 looks like.

```
.text, #text, p{  
    color:#AC5105  
}
```

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 #AC5105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5105
}
```

## Border

The CSS property to change the border of an element to Hex AC5105 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
#AC5105 }
```

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

```
.border{ border-color:#AC5105 }
```

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

Here you see how a box with a 4 pixel #AC5105 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5105; -webkit-box-shadow:4px 4px  
4px 4px #AC5105; box-shadow:4px 4px 4px  
4px #AC5105 }
```

# Background

The CSS property to change the background color of an element to Hex AC5105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5105 }
```

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

```
.background{ background-color:#AC5105 }
```

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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