

# Converting Colors

Hex(AC5D20)

Have a look what the booklet for  
Hex(AC5D20) contains.

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**Color**

**Hex(AC5D20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC5D20
RGB	172, 93, 32
RGB Percent	67%, 36%, 13%
CMY	0.3255, 0.6353, 0.8745
CMYK	0.00, 0.46, 0.81, 0.33
HSL	26°, 69%, 40%
HSV	26°, 81%, 67%
XYZ	21.1883, 16.7036, 3.4739
YIQ	109.6670, 66.6650, -2.2230

# Conversions

## Conversions Part 2

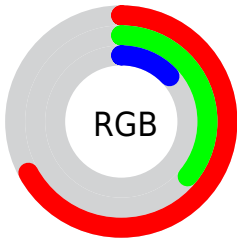
Format	Color
<b>R<sub>YB</sub></b>	172, 140, 32
Decimal	11296032
CIE Lab	47.88, 27.81, 46.71
CIE LCh	48, 54.363, 59.234
Yxy	16.7036, 0.5122, 0.4038
Android (android.graphics.Color)	4289486112 (0xFFAC5D20)
YUV	109.6670, -38.2898, 54.6660
Hunter-Lab	40.8701, 21.0173, 23.5695

# Details

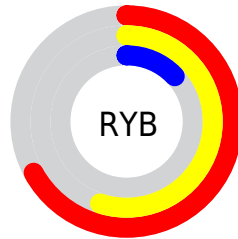
The Hex color **AC5D20** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **206FAC**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **E89051**, and **722D00** is the 20% darker color. If you saturate the color by 10%, you get **AC530F**, and if you desaturate by 10%, it is **AC6731**.

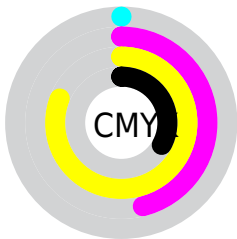
# Distribution



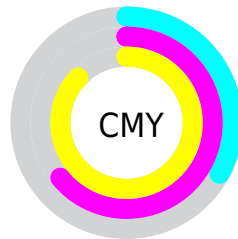
- Red (67%)
- Green (36%)
- Blue (13%)



- Red (67%)
- Yellow (55%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (64%)
- Yellow (87%)
- Black (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC5D20 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 AC5D20 by changing the saturation by 10% instead.



 AC5D20

 AC5D20

FFFFFF

 8F4504

 E89051

 722D00

 FFAB6B

 551600

 FFC785

 3A0000

 FFE39F

 200001

 FFFFBB

 000000

 FFFFD7

 FFFFF4

 AC5D20

 AC5D20

■ AC530F

■ AC6731

■ AC4B00

■ AC7042

■ AC7A54

■ AC8465

■ AC8E76

■ AC9787

■ ACA198

■ ACABAA

■ ACB4BB

# Harmonies

## Analogous

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



C14A48



AC5D20



896F00

# Triad

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



AC5D20



00876F



6E66C2

# Complementary

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



AC5D20



206FAC

# 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.



0077CE



AC5D20



00879D

# Square

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



AC5D20



008340



0082C0



A751A1

# Rectangle

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



AC5D20



6C7808



0082C0



4F6CC9



# Sweetspot

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



AC5D20



E0C2AB



AC206F



705E50



F0F0F0



707070



# Same Dimension

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



AC5D20



E06404



ACA320



57524E



964200



170A00



# Inverse Universe

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



206FAC



0481E0



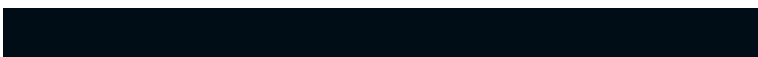
2029AC



4E5357



005596



000D17



# Previews

## White Background



This preview shows how the Hex color AC5D20 looks on a white background.

## Color Contrast Check

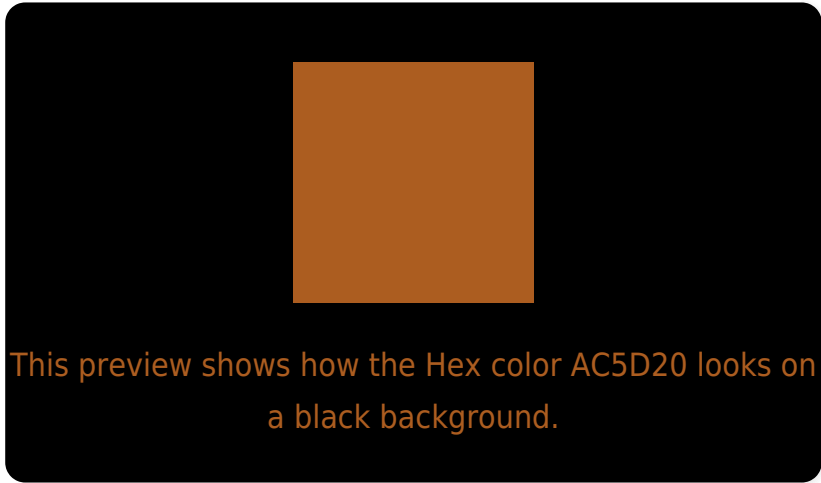
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC5D20 Background



This preview shows how black text looks on a background with the Hex color AC5D20.



This preview shows how white text looks on a background with the Hex color AC5D20.

# 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**  
AC5D20

**Protanopia**  
807226

**Deuteranopia**  
906C1A



# Trichromacy



**Original Color**  
AC5D20

**Protanomaly**  
906A24

**Deuteranomaly**  
9A671C

**Tritanomaly**  
AE5947

# Monochromacy



**Original Color**  
AC5D20

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
856852

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC5D20 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 #AC5D20 looks like.

```
.text, #text, p{  
    color:#AC5D20  
}
```

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 #AC5D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5D20  
}
```

## Border

The CSS property to change the border of an element to Hex AC5D20 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  
#AC5D20 }
```

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

```
.border{ border-color:#AC5D20 }
```

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

Here you see how a box with a 4 pixel #AC5D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5D20; -webkit-box-shadow:4px 4px  
4px 4px #AC5D20; box-shadow:4px 4px 4px  
4px #AC5D20 }
```

# Background

The CSS property to change the background color of an element to Hex AC5D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5D20 }
```

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

```
.background{ background-color:#AC5D20 }
```

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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