

Converting Colors

Hex(AA5B21)

Have a look what the booklet for
Hex(AA5B21) contains.

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Color

Hex(AA5B21)

Conversions

Conversions Part 1

Format	Color
Hex	AA5B21
RGB	170, 91, 33
RGB Percent	67%, 36%, 13%
CMY	0.3333, 0.6431, 0.8706
CMYK	0.00, 0.46, 0.81, 0.33
HSL	25°, 67%, 40%
HSV	25°, 81%, 67%
XYZ	20.5932, 16.1380, 3.4684
YIQ	108.0090, 65.7020, -1.2900

Conversions

Conversions Part 2

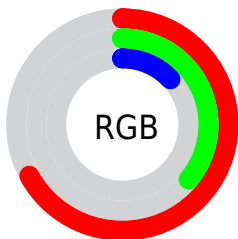
Format	Color
RYB	170, 134, 33
Decimal	11164449
CIELab	47.16, 28.09, 45.49
CIElCh	47, 53.461, 58.307
Yxy	16.1380, 0.5123, 0.4014
Android (android.graphics.Color)	4289354529 (0xFFAA5B21)
YUV	108.0090, -36.9794, 54.3661
Hunter-Lab	40.1722, 21.2019, 23.0015

Details

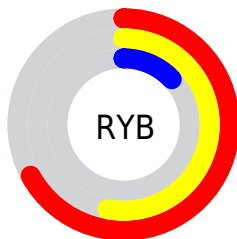
The Hex color **AA5B21** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2170AA**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **E68E52**, and **702B00** is the 20% darker color. If you saturate the color by 10%, you get **AA5110**, and if you desaturate by 10%, it is **AA6532**.

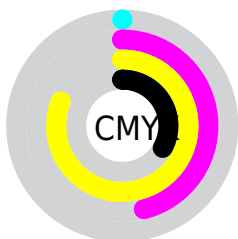
Distribution



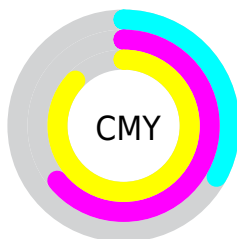
- Red (67%)
- Green (36%)
- Blue (13%)



- Red (67%)
- Yellow (53%)
- Blue (13%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color AA5B21 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 AA5B21 by changing the saturation by 10% instead.

■ AA5B21

■ AA5B21

FFFFFF

■ 8D4306

■ E68E52

■ 702B00

■ FFA96B

■ 531400

■ FFC485

■ 380000

■ FFE0A0

■ 1D0001

■ FFFDBB

■ 000000

■ FFFFD7

■ FFFFF4

■ AA5B21

■ AA5B21

■ AA5110

■ AA6532

■ AA4800

■ AA6F43

■ AA7854

■ AA8265

■ AA8C76

■ AA9687

■ AAA098

■ AAA9A9

■ AAB3BA

Harmonies

Analogous

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



BE4948



AA5B21



886D01

Triad

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



AA5B21



00846C



6A65BF

Complementary

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



AA5B21



2170AA

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.



0076CA



AA5B21



008499

Square

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



AA5B21



0B813E



0080BC



A350A0

Rectangle

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



AA5B21



6C7608



0080BC



4B6BC6

Sweetspot

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



AA5B21



DEBFA9



AA2171



705D50



F0F0F0



707070

Same Dimension

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



AA5B21



DE6207



AA9F21



544F4C



943F00



140900

Inverse Universe

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



2170AA



0783DE



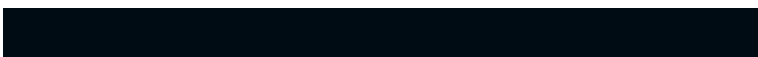
212CAA



4C5154



005594



000C14

Previews

White Background



This preview shows how the Hex color AA5B21 looks on a white background.

Color Contrast Check

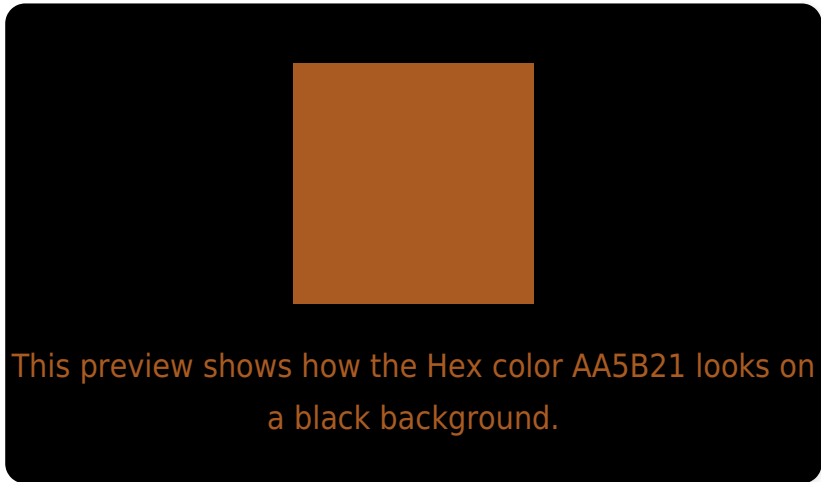
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA5B21 Background



This preview shows how black text looks on a background with the Hex color AA5B21.



This preview shows how white text looks on a background with the Hex color AA5B21.

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
AA5B21

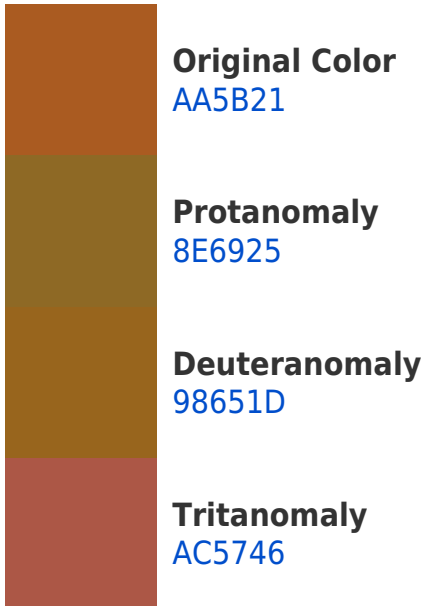
Protanopia
7E7127

Deuteranopia
8D6B1B

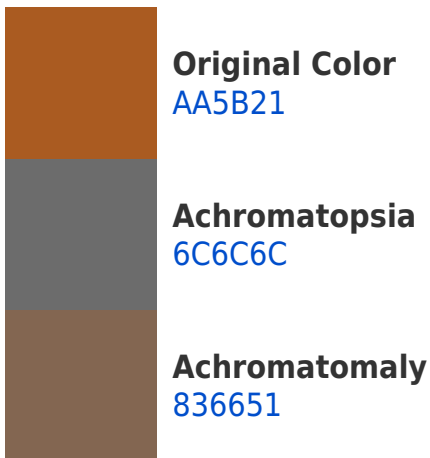


Tritanopia
AD555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA5B21 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 #AA5B21 looks like.

```
.text, #text, p{  
    color:#AA5B21  
}
```

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 #AA5B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5B21
}
```

Border

The CSS property to change the border of an element to Hex AA5B21 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
#AA5B21 }
```

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

```
.border{ border-color:#AA5B21 }
```

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

Here you see how a box with a 4 pixel #AA5B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5B21; -webkit-box-shadow:4px 4px  
4px 4px #AA5B21; box-shadow:4px 4px 4px  
4px #AA5B21 }
```

Background

The CSS property to change the background color of an element to Hex AA5B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5B21 }
```

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

```
.background{ background-color:#AA5B21 }
```

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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