

Converting Colors

Hex(AAAB21)

Have a look what the booklet for
Hex(AAAB21) contains.

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Color

Hex(AAAB21)

Conversions

Conversions Part 1

Format	Color
Hex	AAAB21
RGB	170, 171, 33
RGB Percent	67%, 67%, 13%
CMY	0.3333, 0.3294, 0.8706
CMYK	0.01, 0.00, 0.81, 0.33
HSL	60°, 68%, 40%
HSV	60°, 81%, 67%
XYZ	31.4150, 37.7817, 7.0757
YIQ	154.9690, 43.7020, -43.1300

Conversions

Conversions Part 2

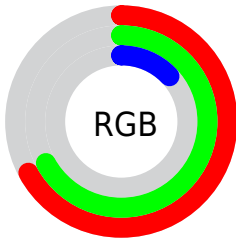
Format	Color
RYB	33, 171, 34
Decimal	11184929
CIELab	67.86, -15.76, 64.18
CIELCh	68, 66.084, 103.797
Yxy	37.7817, 0.4119, 0.4954
Android (android.graphics.Color)	4289375009 (0xFFAAAB21)
YUV	154.9690, -60.1307, 13.1822
Hunter-Lab	61.4668, -16.3376, 36.2016

Details

The Hex color **AAAB21** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2221AB**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E4E25C**, and **727700** is the 20% darker color. If you saturate the color by 10%, you get **AAAB10**, and if you desaturate by 10%, it is **AAAB32**.

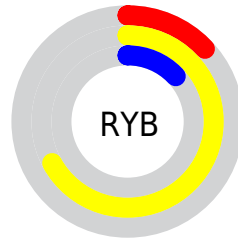
Distribution



Red (67%)

Green (67%)

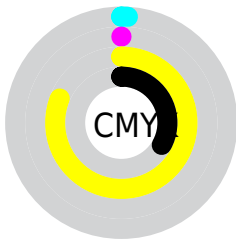
Blue (13%)



Red (13%)

Yellow (67%)

Blue (13%)

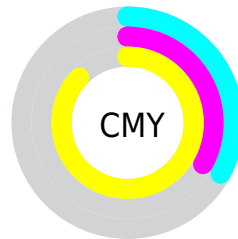


Cyan (1%)

Magenta (0%)

Yellow (81%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAAB21 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 AAAB21 by changing the saturation by 10% instead.

 AAAB21

 AAAB21

FFFFFF

 8E9100

 E4E25C

 727700

 FFFF77

 575E00

 FFFF93

 3C4700

 FFFFAF

 223100

 FFFF CB

 031D00

 FFFF E8

 000000

 AAAB21

 AAAB21

 AAAB10

 AAAB32

■ AAAB00

■ AAAB43

■ AAAB54

■ AAAB65

■ ABAB77

■ ABAB88

■ ABAB99

■ ABABAA

■ ABABBB

Harmonies

Analogous

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



DE972A



AAAB21



66B849

Triad

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



AAAB21



00BFF7



FF72C8

Complementary

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



AAAB21



2221AB

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.



CB89FC



AAAB21



00B5FF

Square

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



AAAB21



00C2C0



63A3FF



FF6D8C

Rectangle

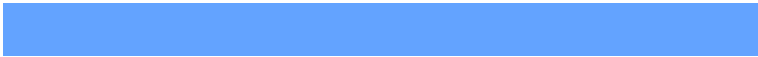
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AAAB21



00BE6E



63A3FF



F379DB

Sweetspot

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



AAAB21



DDDEA9



AB2121



707050



F0F0F0



707070

Same Dimension

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



AAAB21



DCDE07



66AB21



57574E



959600



171700

Inverse Universe

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



2221AB



0807DE



6621AB



4E4E57



010096



000017

Previews

White Background



This preview shows how the Hex color AAAB21 looks on a white background.

Color Contrast Check

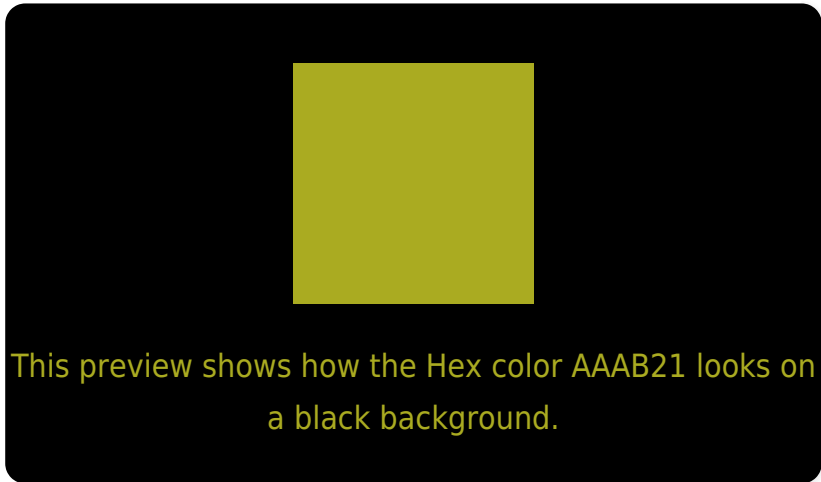
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex AAAB21 Background



This preview shows how black text looks on a background with the Hex color AAAB21.



This preview shows how white text looks on a background with the Hex color AAAB21.

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

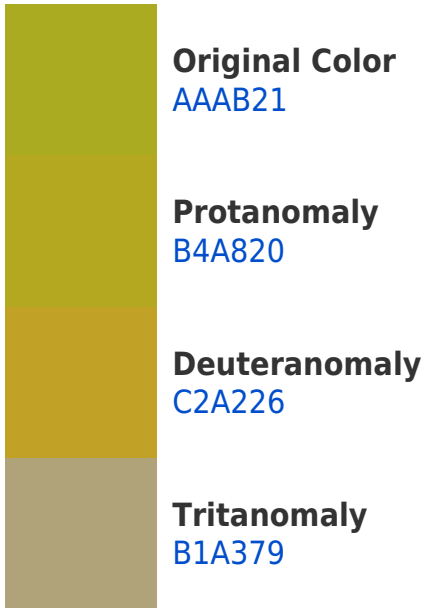


Original Color
AAAB21

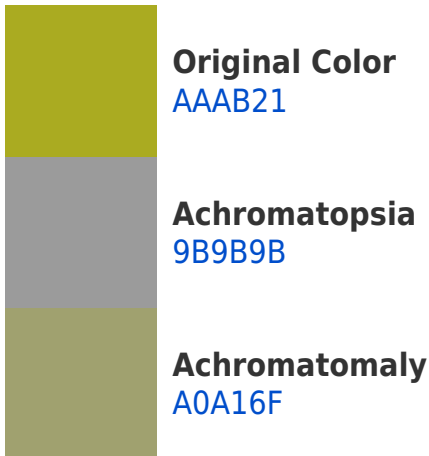
Protanopia
BAA620

Deuteranopia
D09D29

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAAB21 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 #AAAB21 looks like.

```
.text, #text, p{  
    color:#AAAB21  
}
```

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 #AAAB21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAAB21
}
```

Border

The CSS property to change the border of an element to Hex AAAB21 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
#AAAB21 }
```

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

```
.border{ border-color:#AAAB21 }
```

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

Here you see how a box with a 4 pixel #AAAB21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAAB21; -webkit-box-shadow:4px 4px  
4px 4px #AAAB21; box-shadow:4px 4px 4px  
4px #AAAB21 }
```

Background

The CSS property to change the background color of an element to Hex AAAB21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAAB21 }
```

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

```
.background{ background-color:#AAAB21 }
```

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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