

Converting Colors

Hex(A2BD20)

Have a look what the booklet for
Hex(A2BD20) contains.

Hex(A2BD20)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A2BD20)

Conversions

Conversions Part 1

Format	Color
Hex	A2BD20
RGB	162, 189, 32
RGB Percent	64%, 74%, 13%
CMY	0.3647, 0.2588, 0.8745
CMYK	0.14, 0.00, 0.83, 0.26
HSL	70°, 71%, 43%
HSV	70°, 83%, 74%
XYZ	33.3586, 44.1809, 8.1361
YIQ	163.0290, 34.3050, -54.5510

Conversions

Conversions Part 2

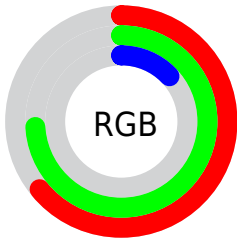
Format	Color
RYB	32, 189, 59
Decimal	10665248
CIELab	72.35, -28.13, 68.09
CIELCh	72, 73.667, 112.445
Yxy	44.1809, 0.3894, 0.5157
Android (android.graphics.Color)	4288855328 (0xFFA2BD20)
YUV	163.0290, -64.5973, -0.9024
Hunter-Lab	66.4687, -26.7365, 39.2707

Details

The Hex color **A2BD20** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3B20BD**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **DCF55D**, and **6A8800** is the 20% darker color. If you saturate the color by 10%, you get **9FBD0D**, and if you desaturate by 10%, it is **A5BD33**.

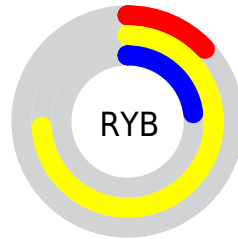
Distribution



Red (64%)

Green (74%)

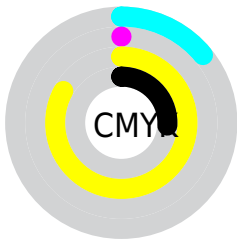
Blue (13%)



Red (13%)

Yellow (74%)

Blue (23%)

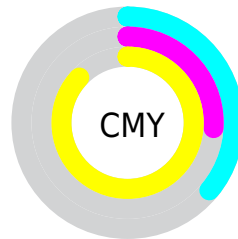


Cyan (14%)

Magenta (0%)

Yellow (83%)

Black (26%)



Cyan (36%)

Magenta (26%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2BD20 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 A2BD20 by changing the saturation by 10% instead.



A2BD20



A2BD20

FFFFFF



86A200



DCF55D



6A8800



FAFF79



4F6E00



FFFF95



335600



FFFFB2



163E00



FFFFCF



002800



FFF FEC



000F00



000000



A2BD20



A2BD20

■ 9FBD0D

■ A5BD33

■ 9CBD00

■ A9BD46

■ ACBD59

■ AFBD6C

■ B2BD7F

■ B6BD91

■ B9BDA4

■ BCBDB7

■ BFBDC A

Harmonies

Analogous

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



E1A814



A2BD20



47CA5A

Triad

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



A2BD20



00CCFF



FF71C5

Complementary

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



A2BD20



3B20BD

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.



F288FF



A2BD20



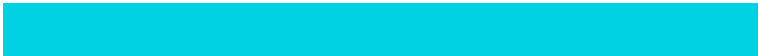
00BEFF

Square

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



A2BD20



00D1E3



90A7FF



FF7482

Rectangle

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



A2BD20



00CE86



90A7FF



FF76DC

Sweetspot

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



A2BD20



EAF5B8



BD3A20



747A56



FAFAFA



7A7A7A

Same Dimension

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



A2BD20



CBF500



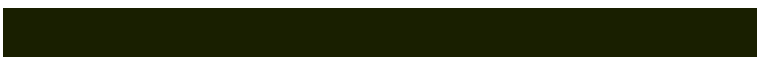
54BD20



5D5E55



839E00



191F00

Inverse Universe

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



3B20BD



2A00F5



8920BD



57555E



1B009E



05001F

Previews

White Background



This preview shows how the Hex color A2BD20 looks on a white background.

Color Contrast Check

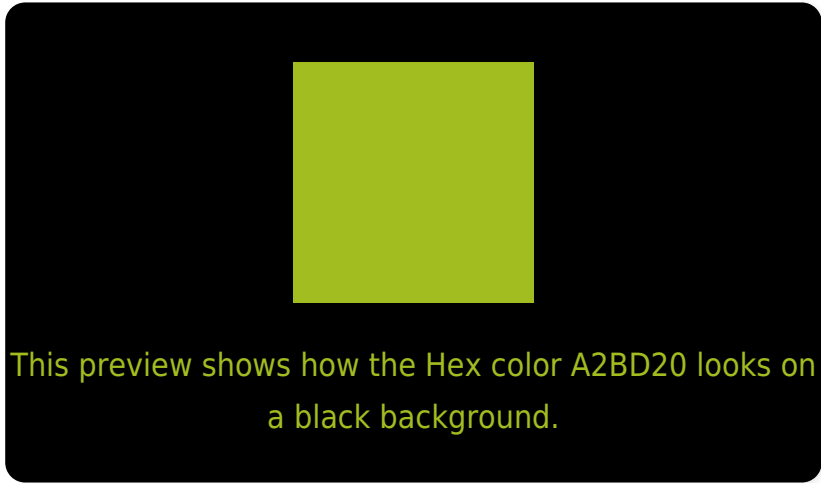
Large Text (above 18pt) WCAG AA × Fail

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 A2BD20 Background



This preview shows how black text looks on a background with the Hex color A2BD20.

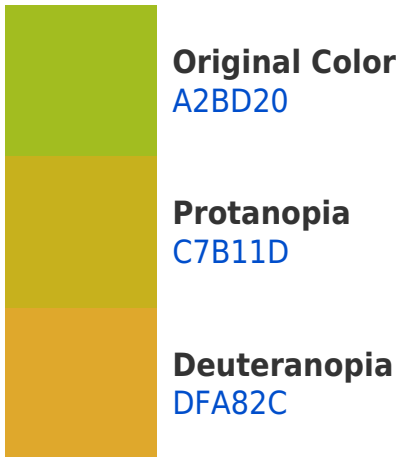


This preview shows how white text looks on a background with the Hex color A2BD20.

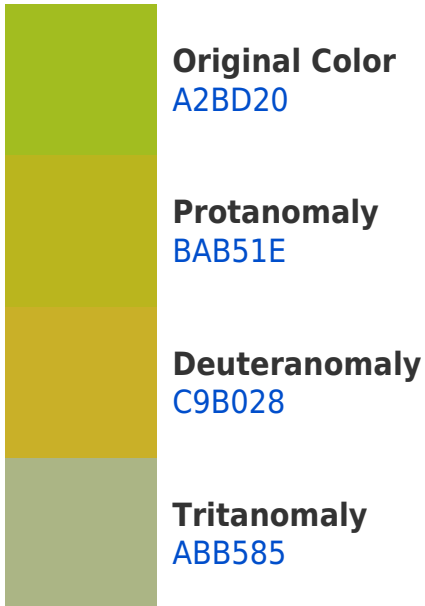
Color Blindness Simulation

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](#).

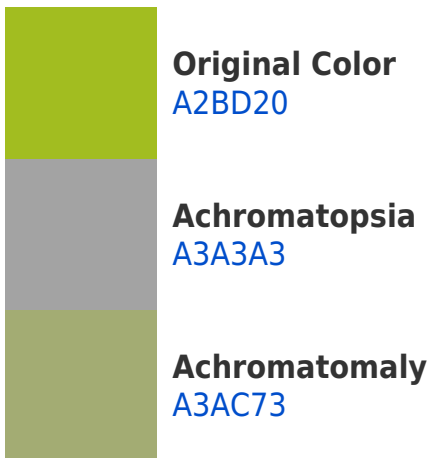
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A2BD20 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 #A2BD20 looks like.

```
.text, #text, p{  
    color:#A2BD20  
}
```

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 #A2BD20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2BD20
}
```

Border

The CSS property to change the border of an element to Hex A2BD20 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
#A2BD20 }
```

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

```
.border{ border-color:#A2BD20 }
```

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

Here you see how a box with a 4 pixel #A2BD20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2BD20; -webkit-box-shadow:4px 4px  
4px 4px #A2BD20; box-shadow:4px 4px 4px  
4px #A2BD20 }
```

Background

The CSS property to change the background color of an element to Hex A2BD20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2BD20 }
```

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

```
.background{ background-color:#A2BD20 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor