

Converting Colors

Hex(AC20BD)

Have a look what the booklet for
Hex(AC20BD) contains.

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Color

Hex(AC20BD)

Conversions

Conversions Part 1

Format	Color
Hex	AC20BD
RGB	172, 32, 189
RGB Percent	67%, 13%, 74%
CMY	0.3255, 0.8745, 0.2588
CMYK	0.09, 0.83, 0.00, 0.26
HSL	294°, 71%, 43%
HSV	294°, 83%, 74%
XYZ	26.7151, 13.4778, 49.3375
YIQ	91.7580, 33.0430, 78.5070

Conversions

Conversions Part 2

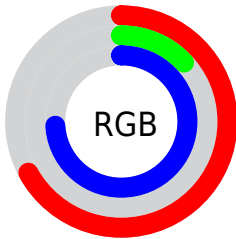
Format	Color
R_{YB}	172, 32, 189
Decimal	11280573
CIE _{Lab}	43.47, 71.17, -51.07
CIE _{LCh}	43, 87.598, 324.335
Yxy	13.4778, 0.2984, 0.1505
Android (android.graphics.Color)	4289470653 (0xFFAC20BD)
YUV	91.7580, 47.9403, 70.3722
Hunter-Lab	36.7121, 65.6466, -53.9815

Details

The Hex color **AC20BD** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **31BD20**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **E761F6**, and **730087** is the 20% darker color. If you saturate the color by 10%, you get **AA0DBD**, and if you desaturate by 10%, it is **AE33BD**.

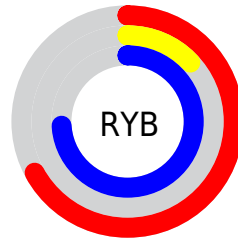
Distribution



Red (67%)

Green (13%)

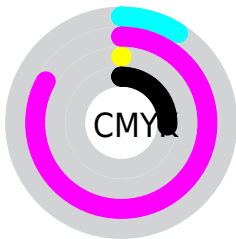
Blue (74%)



Red (67%)

Yellow (13%)

Blue (74%)

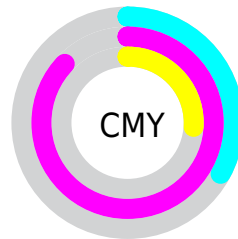


Cyan (9%)

Magenta (83%)

Yellow (0%)

Black (26%)



Cyan (33%)

Magenta (87%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC20BD 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 AC20BD by changing the saturation by 10% instead.

 AC20BD

 AC20BD

FFFFFF

 8F00A1

 E761F6

 730087

 FF7EFF

 57006D

 FF9AFF

 3C0054

 FFB7FF

 1F003C

 FFD4FF

 000225

 FFF2FF

 00010D

 000000

 AC20BD

 AC20BD

■ AA0DBD

■ AE33BD

■ A900BD

■ B046BD

■ B259BD

■ B46CBD

■ B67FBD

■ B891BD

■ BAA4BD

■ BCB7BD

■ BECABD

Harmonies

Analogous

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



005AEE



AC20BD



DA0078

Triad

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



AC20BD



896000



0083A1

Complementary

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



AC20BD



31BD20

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.



008256



AC20BD



437400

Square

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



AC20BD



BD3700



007D00



0081DE

Rectangle

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



AC20BD



DF0048



007D00



008389

Sweetspot

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



AC20BD



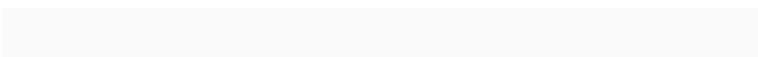
EEB8F5



2032BD



76567A



FAFAFA



7A7A7A

Same Dimension

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



AC20BD



DA00F5



BD2081



5D555E



8D009E



1B001F

Inverse Universe

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



BD2031



F5001B



20BD5C



5E5556



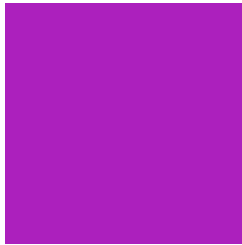
9E0011



1F0003

Previews

White Background



This preview shows how the Hex color AC20BD looks on a white background.

Color Contrast Check

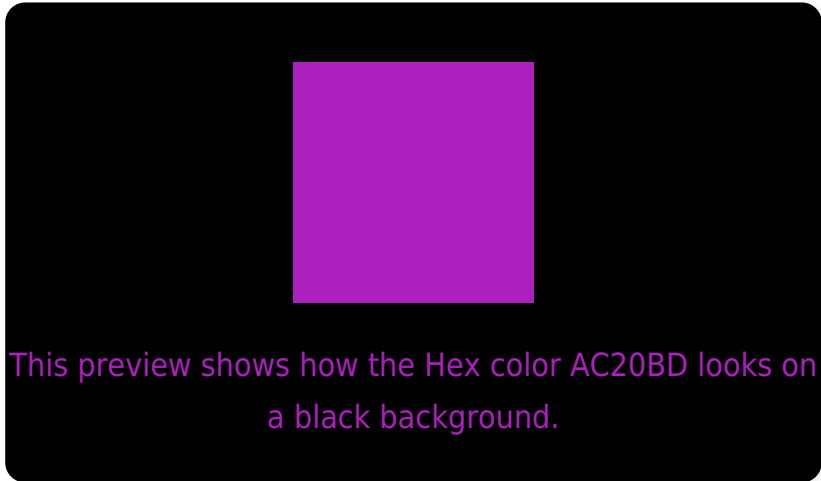
Large Text (above 18pt) WCAG AA ✓ Pass

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

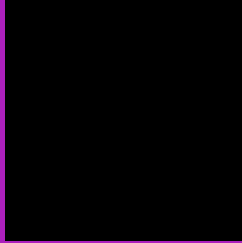
Any Text WCAG AA × Fail

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 AC20BD Background



This preview shows how black text looks on a background with the Hex color AC20BD.

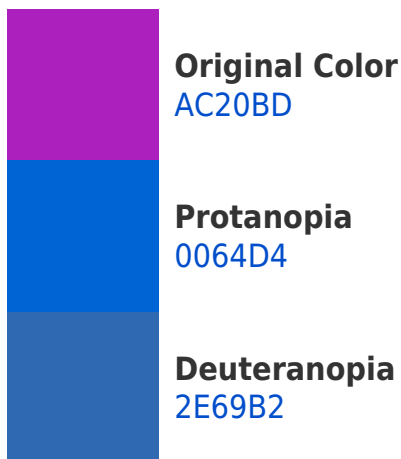



This preview shows how white text looks on a background with the Hex color AC20BD.

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](#).

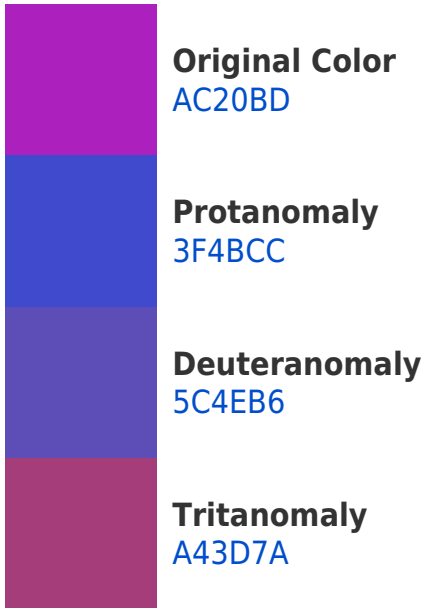
Dichromacy





Tritanopia
9F4E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC20BD 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 #AC20BD looks like.

```
.text, #text, p{  
    color:#AC20BD  
}
```

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 #AC20BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC20BD
}
```

Border

The CSS property to change the border of an element to Hex AC20BD 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
#AC20BD }
```

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

```
.border{ border-color:#AC20BD }
```

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

Here you see how a box with a 4 pixel #AC20BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC20BD; -webkit-box-shadow:4px 4px  
4px 4px #AC20BD; box-shadow:4px 4px 4px  
4px #AC20BD }
```

Background

The CSS property to change the background color of an element to Hex AC20BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC20BD }
```

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

```
.background{ background-color:#AC20BD }
```

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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