

Converting Colors

Hex(B2DA05)

Have a look what the booklet for
Hex(B2DA05) contains.

Hex(B2DA05)	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(B2DA05)

Conversions

Conversions Part 1

Format	Color
Hex	B2DA05
RGB	178, 218, 5
RGB Percent	70%, 85%, 2%
CMY	0.3020, 0.1451, 0.9804
CMYK	0.18, 0.00, 0.98, 0.15
HSL	71°, 96%, 44%
HSV	71°, 98%, 85%
XYZ	43.4589, 59.6187, 9.3606
YIQ	181.7580, 44.5330, -74.7230

Conversions

Conversions Part 2

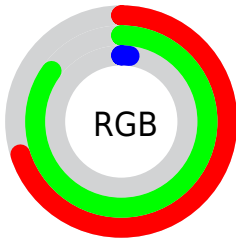
Format	Color
R _Y B	5, 218, 45
Decimal	11721221
CIE Lab	81.63, -35.62, 80.06
CIE LCh	82, 87.627, 113.988
Yxy	59.6187, 0.3865, 0.5302
Android (android.graphics.Color)	4289911301 (0xFFB2DA05)
YUV	181.7580, -87.1417, -3.2958
Hunter-Lab	77.2132, -34.6556, 46.8614

Details

The Hex color **B2DA05** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **2D05DA**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **EEFF58**, and **78A300** is the 20% darker color. If you saturate the color by 10%, you get **B1DA00**, and if you desaturate by 10%, it is **B6DA1B**.

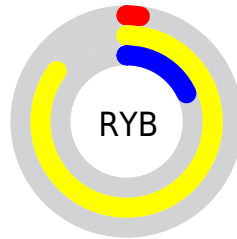
Distribution



Red (70%)

Green (85%)

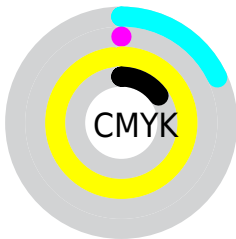
Blue (2%)



Red (2%)

Yellow (85%)

Blue (18%)

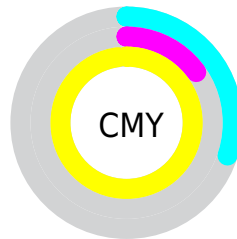


Cyan (18%)

Magenta (0%)

Yellow (98%)

Black (15%)



Cyan (30%)

Magenta (15%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2DA05 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 B2DA05 by changing the saturation by 10% instead.

 B2DA05

 B2DA05

FFFFFF

 95BE00

 EEFF58

 78A300

 FFFF76

 5B8900

 FFFF93

 3E6F00

 FFFFB0

 1F5600

 FFFFCE

 003F00

 FFFFEB

 002900

 000B00

 000000

 B2DA05

 B2DA05

 B1DA00

 B6DA1B

 BADA31

 BEDA46

 C2DA5C

 C6DA72

 CBDA88

 CFDA9E

 D3DAB3

 D7DAC9

Harmonies

Analogous

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



FFC100



B2DA05



32E963

Triad

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



B2DA05



00EAFB



FF77DF

Complementary

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



B2DA05



2D05DA

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.



FF95FF



B2DA05



00DAFF

Square

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



B2DA05



00F0FF



A7BCFF



FF7D8D

Rectangle

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



B2DA05



00EE9B



A7BCFF



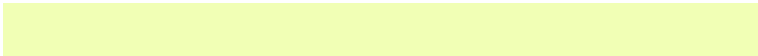
FF7EFA

Sweetspot

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



B2DA05



F1FFB5



DA2C05



778053



000000



808080

Same Dimension

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



B2DA05



CFFF00



48DA05



6C6E63



8DAD00



252E00

Inverse Universe

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



2D05DA



3000FF



9705DA



65636E



2100AD



09002E

Previews

White Background



This preview shows how the Hex color B2DA05 looks on a white background.

Color Contrast Check

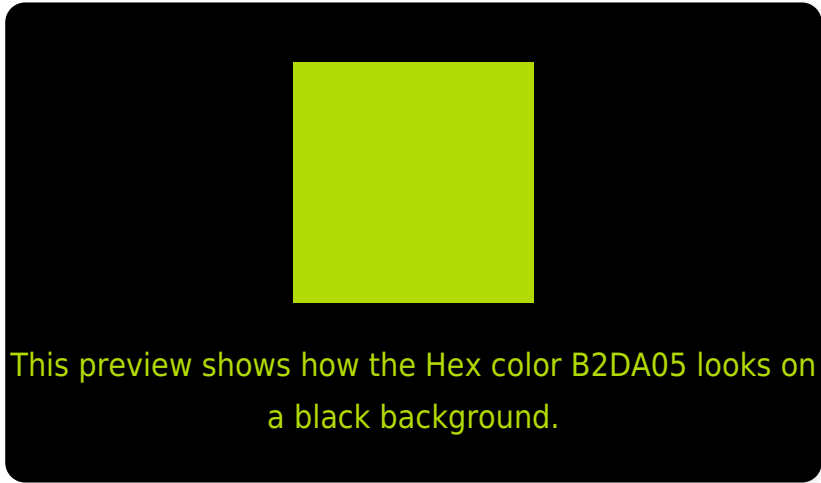
Large Text (above 18pt) WCAG AA × Fail

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 B2DA05 Background



This preview shows how black text looks on a background with the Hex color B2DA05.

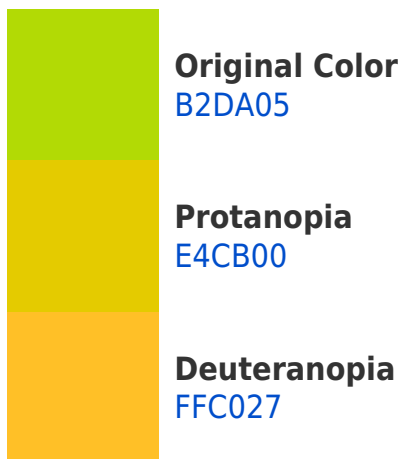


This preview shows how white text looks on a background with the Hex color B2DA05.

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](#).

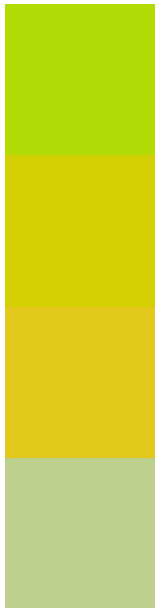
Dichromacy





Tritanopia
C4CBDB

Trichromacy



Original Color
B2DA05

Protanomaly
D2D002

Deuteranomaly
E3C91B

Tritanomaly
BDD08D

Monochromacy



Original Color
B2DA05

Achromatopsia
B6B6B6

Achromatomaly
B5C376

CSS Examples

Text

The CSS property to change the color of the text to Hex B2DA05 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 #B2DA05 looks like.

```
.text, #text, p{  
    color:#B2DA05  
}
```

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 #B2DA05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2DA05
}
```

Border

The CSS property to change the border of an element to Hex B2DA05 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
#B2DA05 }
```

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

```
.border{ border-color:#B2DA05 }
```

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

Here you see how a box with a 4 pixel #B2DA05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2DA05; -webkit-box-shadow:4px 4px  
4px 4px #B2DA05; box-shadow:4px 4px 4px  
4px #B2DA05 }
```

Background

The CSS property to change the background color of an element to Hex B2DA05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2DA05 }
```

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

```
.background{ background-color:#B2DA05 }
```

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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