

Converting Colors

Hex(B3D510)

Have a look what the booklet for
Hex(B3D510) contains.

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Color

Hex(B3D510)

Conversions

Conversions Part 1

Format	Color
Hex	B3D510
RGB	179, 213, 16
RGB Percent	70%, 84%, 6%
CMY	0.2980, 0.1647, 0.9373
CMYK	0.16, 0.00, 0.92, 0.16
HSL	70°, 86%, 45%
HSV	70°, 92%, 84%
XYZ	42.4782, 57.2096, 9.2939
YIQ	180.3760, 42.9730, -68.4750

Conversions

Conversions Part 2

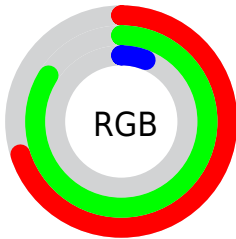
Format	Color
RYB	16, 213, 50
Decimal	11785488
CIELab	80.30, -32.80, 77.97
CIELCh	80, 84.587, 112.813
Yxy	57.2096, 0.3898, 0.5249
Android (android.graphics.Color)	4289975568 (0xFFB3D510)
YUV	180.3760, -81.0374, -1.2068
Hunter-Lab	75.6370, -32.1182, 45.6606

Details

The Hex color **B3D510** 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 **3210D5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **EFF5A**, and **799E00** is the 20% darker color. If you saturate the color by 10%, you get **B0D500**, and if you desaturate by 10%, it is **B7D525**.

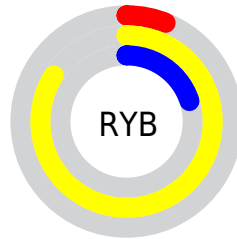
Distribution



Red (70%)

Green (84%)

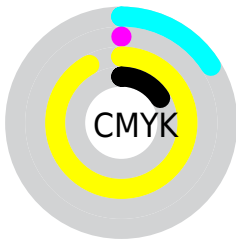
Blue (6%)



Red (6%)

Yellow (84%)

Blue (20%)

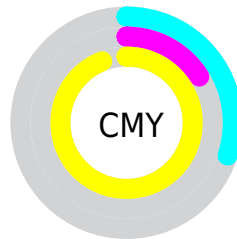


Cyan (16%)

Magenta (0%)

Yellow (92%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3D510 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 B3D510 by changing the saturation by 10% instead.

 B3D510

 B3D510

FFFFFF

 96B900

 EFFF5A

 799E00

 FFFF78

 5D8400

 FFFF95

 406B00

 FFFFB2

 235200

 FFFFCF

 003B00

 FFFFED

 002600

 000200

 000000

 B3D510

 B3D510

 B0D500

 B7D525

 BAD53B

 BED550

 C2D565

 C5D57B

 C9D590

 CDD5A5

 D0D5BA

 D4D5D0

Harmonies

Analogous

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



FDBD00



B3D510



41E461

Triad

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



B3D510



00E6FF



FF78DE

Complementary

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



B3D510



3210D5

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.



FF96FF



B3D510



00D6FF

Square

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



B3D510



00ECFF



9FBAFF



FF7D8F

Rectangle

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



B3D510



00E995



9FBAFF



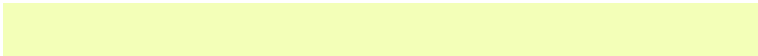
FF80F8

Sweetspot

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



B3D510



F3FFB8



D53110



788054



000000



808080

Same Dimension

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



B3D510



D3FF00



52D510



696B60



8DAB00



242B00

Inverse Universe

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



3210D5



2C00FF



9310D5



62606B



1D00AB



07002B

Previews

White Background



This preview shows how the Hex color B3D510 looks on a white background.

Color Contrast Check

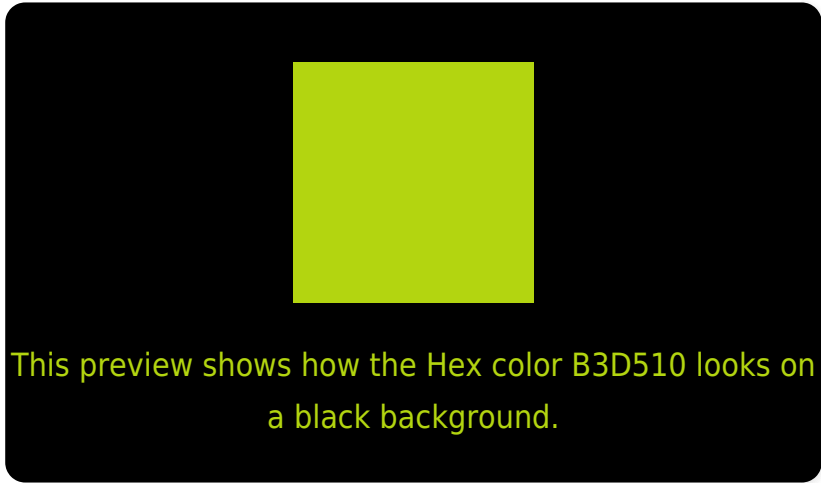
Large Text (above 18pt) WCAG AA × Fail

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 B3D510 Background



This preview shows how black text looks on a background with the Hex color B3D510.



This preview shows how white text looks on a background with the Hex color B3D510.

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
B3D510

Protanopia
E0C705

Deuteranopia
FABC28



Tritanopia
C4C6D6

Trichromacy



Original Color
B3D510

Protanomaly
D0CC09

Deuteranomaly
E0C51F

Tritanomaly
BECB8E

Monochromacy



Original Color
B3D510

Achromatopsia
B4B4B4

Achromatomaly
B4C078

CSS Examples

Text

The CSS property to change the color of the text to Hex B3D510 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 #B3D510 looks like.

```
.text, #text, p{  
    color:#B3D510  
}
```

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 #B3D510 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D510
}
```

Border

The CSS property to change the border of an element to Hex B3D510 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
#B3D510 }
```

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

```
.border{ border-color:#B3D510 }
```

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

Here you see how a box with a 4 pixel #B3D510 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D510; -webkit-box-shadow:4px 4px  
4px 4px #B3D510; box-shadow:4px 4px 4px  
4px #B3D510 }
```

Background

The CSS property to change the background color of an element to Hex B3D510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D510 }
```

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

```
.background{ background-color:#B3D510 }
```

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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