

Converting Colors

Hex(8BD636)

Have a look what the booklet for
Hex(8BD636) contains.

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Color

Hex(8BD636)

Conversions

Conversions Part 1

Format	Color
Hex	8BD636
RGB	139, 214, 54
RGB Percent	55%, 84%, 21%
CMY	0.4549, 0.1608, 0.7882
CMYK	0.35, 0.00, 0.75, 0.16
HSL	88°, 66%, 53%
HSV	88°, 75%, 84%
XYZ	35.3599, 53.8484, 12.0202
YIQ	173.3350, 6.6600, -65.6600

Conversions

Conversions Part 2

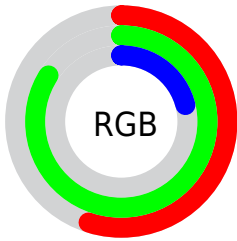
Format	Color
RYB	54, 214, 129
Decimal	9164342
CIELab	78.37, -47.17, 66.77
CIELCh	78, 81.754, 125.242
Yxy	53.8484, 0.3493, 0.5319
Android (android.graphics.Color)	4287354422 (0xFF8BD636)
YUV	173.3350, -58.8322, -30.1118
Hunter-Lab	73.3815, -42.4049, 41.6551

Details

The Hex color **8BD636** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8136D6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **C5FF70**, and **519F00** is the 20% darker color. If you saturate the color by 10%, you get **81D621**, and if you desaturate by 10%, it is **95D64B**.

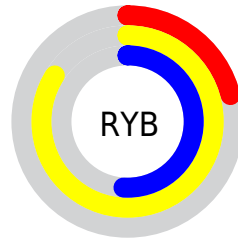
Distribution



Red (55%)

Green (84%)

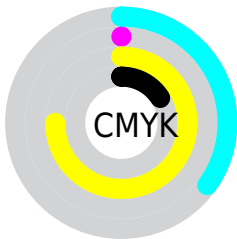
Blue (21%)



Red (21%)

Yellow (84%)

Blue (51%)

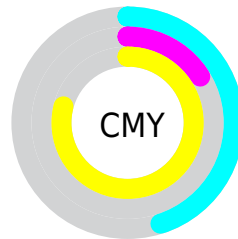


Cyan (35%)

Magenta (0%)

Yellow (75%)

Black (16%)



Cyan (45%)

Magenta (16%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BD636 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 8BD636 by changing the saturation by 10% instead.

 8BD636

 8BD636

FFFFFF

 6EBA10

 C5FF70

 519F00

 E3FF8C

 328400

 FFFFA8

 0B6A00

 FFFFC5

 005100

 FFFF E2

 003900

 002400

 000000

 8BD636

 8BD636

■ 81D621

■ 95D64B

■ 77D60B

■ 9FD661

■ 72D600

■ A9D676

■ B3D68C

■ BDD6A1

■ C7D6B6

■ D1D6CC

■ DBD6E1

■ E5D6F7

Harmonies

Analogous

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



DAC300



8BD636



00E17F

Triad

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



8BD636



00DAFF



FF74B8

Complementary

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



8BD636



8136D6

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.



FF85FF



8BD636



00C7FF

Square

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



8BD636



00E4FF



D4A8FF



FF856E

Rectangle

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



8BD636



00E4B3



D4A8FF



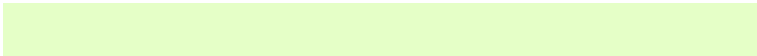
FF76D1

Sweetspot

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



8BD636



E5FFC7



D68136



70805E



000000



808080

Same Dimension

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



8BD636



93FF19



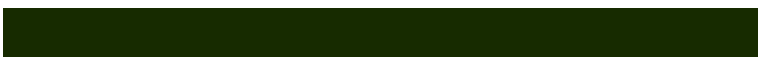
3BD636



666B60



5BAB00



172B00

Inverse Universe

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



8136D6



8519FF



D136D6



65606B



5000AB



14002B

Previews

White Background



This preview shows how the Hex color 8BD636 looks on a white background.

Color Contrast Check

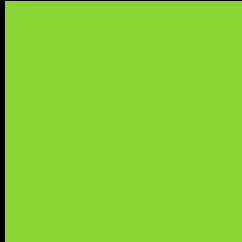
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8BD636 looks on a 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 8BD636 Background



This preview shows how black text looks on a background with the Hex color 8BD636.

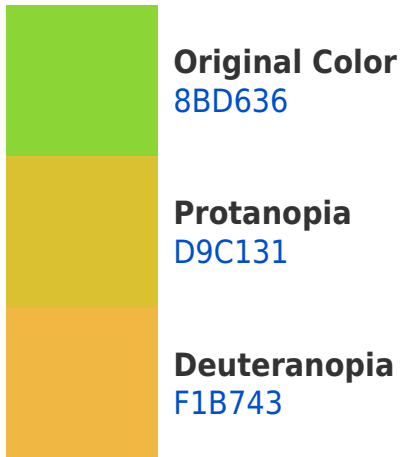


This preview shows how white text looks on a background with the Hex color 8BD636.

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](#).

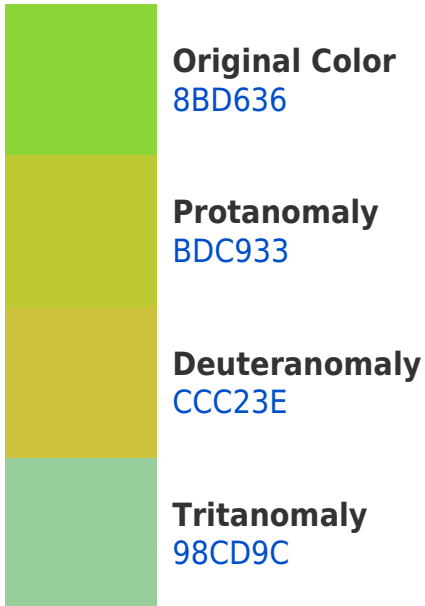
Dichromacy



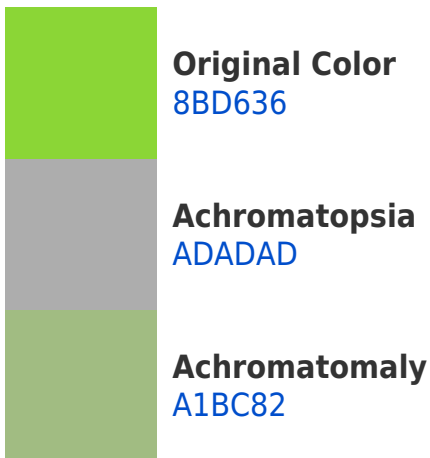


Tritanopia
A0C8D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BD636 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 #8BD636 looks like.

```
.text, #text, p{  
    color:#8BD636  
}
```

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 #8BD636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BD636
}
```

Border

The CSS property to change the border of an element to Hex 8BD636 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
#8BD636 }
```

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

```
.border{ border-color:#8BD636 }
```

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

Here you see how a box with a 4 pixel #8BD636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BD636; -webkit-box-shadow:4px 4px  
4px 4px #8BD636; box-shadow:4px 4px 4px  
4px #8BD636 }
```

Background

The CSS property to change the background color of an element to Hex 8BD636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BD636 }
```

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

```
.background{ background-color:#8BD636 }
```

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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