

Converting Colors

Hex(8DB600)

Have a look what the booklet for
Hex(8DB600) contains.

Hex(8DB600)	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(8DB600)

Conversions

Conversions Part 1

Format	Color
Hex	8DB600
RGB	141, 182, 0
RGB Percent	55%, 71%, 0%
CMY	0.4471, 0.2863, 1.0000
CMYK	0.23, 0.00, 1.00, 0.29
HSL	74°, 100%, 36%
HSV	74°, 100%, 71%
XYZ	27.7125, 39.1186, 6.0900
YIQ	148.9930, 33.9860, -65.2940

Conversions

Conversions Part 2

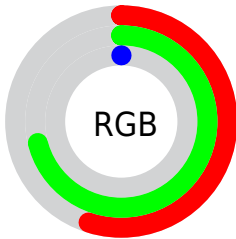
Format	Color
RYB	0, 182, 41
Decimal	9287168
CIELab	68.84, -34.13, 69.78
CIELCh	69, 77.682, 116.060
Yxy	39.1186, 0.3800, 0.5365
Android (android.graphics.Color)	4287477248 (0xFF8DB600)
YUV	148.9930, -73.4535, -7.0099
Hunter-Lab	62.5449, -30.3636, 38.0083

Details

The Hex color **8DB600** is a dark color, and the websafe version is hex **99CC33**, and the color name is **apple green**. A complement of this color would be **2900B6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C7EE4E**, and **558100** is the 20% darker color. If you saturate the color by 10%, you get **8DB600**, and if you desaturate by 10%, it is **91B612**.

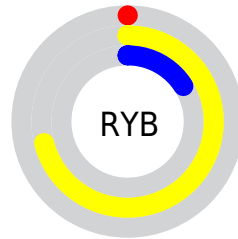
Distribution



Red (55%)

Green (71%)

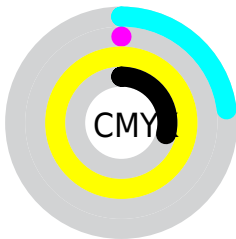
Blue (0%)



Red (0%)

Yellow (71%)

Blue (16%)

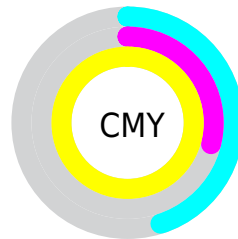


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (45%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DB600 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 8DB600 by changing the saturation by 10% instead.

 8DB600

 8DB600

FFFFFF

 719B00

 C7EE4E

 558100

 E4FF6B

 396800

 FFFF87

 1A4F00

 FFFFA3

 003800

 FFFFC0

 002400

 FFFFDD

 000000

 FFFFFB

 8DB600

 91B612

 95B624

 99B637

 9DB649

 A2B65B

 A6B66D

 AAB67F

 AEB692

 B2B6A4

Harmonies

Analogous

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



D1A200



8DB600



00C254

Triad

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



8DB600



00C2FF



FF5EB4

Complementary

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



8DB600



2900B6

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.



F377F8



8DB600



00B3FF

Square

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



8DB600



00C8E4



9299FF



FF666F

Rectangle

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



8DB600



00C684



9299FF



FF64CC

Sweetspot

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



8DB600



DDEDA6



B62700



6E784D



F7F7F7



787878

Same Dimension

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



8DB600



B8ED00



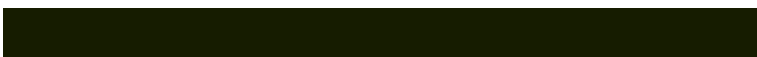
34B600



5A5C53



799C00



161C00

Inverse Universe

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



2900B6



3500ED



8200B6



55535C



23009C



06001C

Previews

White Background



This preview shows how the Hex color 8DB600 looks on a white background.

Color Contrast Check

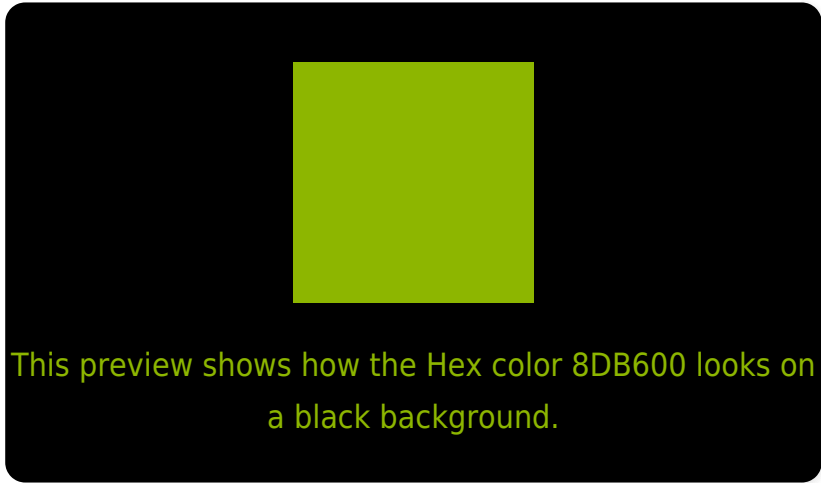
Large Text (above 18pt) WCAG AA × Fail

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 8DB600 Background



This preview shows how black text looks on a background with the Hex color 8DB600.



This preview shows how white text looks on a background with the Hex color 8DB600.

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
8DB600

Protanopia
BDA800

Deuteranopia
D39F21



Tritanopia
9DA9B7

Trichromacy



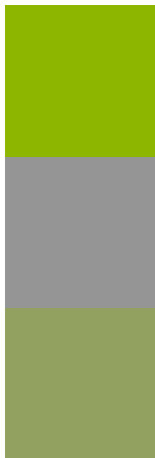
Original Color
8DB600

Protanomaly
ACAD00

Deuteranomaly
BAA715

Tritanomaly
97AE74

Monochromacy



Original Color
8DB600

Achromatopsia
959595

Achromatomaly
92A15F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DB600 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 #8DB600 looks like.

```
.text, #text, p{  
    color:#8DB600  
}
```

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 #8DB600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DB600
}
```

Border

The CSS property to change the border of an element to Hex 8DB600 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
#8DB600 }
```

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

```
.border{ border-color:#8DB600 }
```

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

Here you see how a box with a 4 pixel #8DB600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DB600; -webkit-box-shadow:4px 4px  
4px 4px #8DB600; box-shadow:4px 4px 4px  
4px #8DB600 }
```

Background

The CSS property to change the background color of an element to Hex 8DB600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DB600 }
```

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

```
.background{ background-color:#8DB600 }
```

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