

# Converting Colors

Hex(8DDB24)

Have a look what the booklet for  
Hex(8DDB24) contains.

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**Color**

**Hex(8DDB24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DDB24
RGB	141, 219, 36
RGB Percent	55%, 86%, 14%
CMY	0.4471, 0.1412, 0.8588
CMYK	0.36, 0.00, 0.84, 0.14
HSL	86°, 72%, 50%
HSV	86°, 84%, 86%
XYZ	36.6345, 56.4531, 10.6348
YIQ	174.8160, 12.2550, -73.4490

# Conversions

## Conversions Part 2

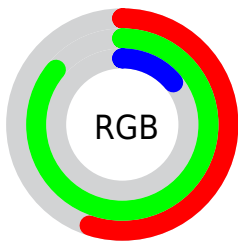
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 219, 114
Decimal	9296676
CIELab	79.87, -49.36, 73.19
CIELCh	80, 88.279, 123.997
Yxy	56.4531, 0.3532, 0.5443
Android (android.graphics.Color)	4287486756 (0xFF8DDB24)
YUV	174.8160, -68.4363, -29.6566
Hunter-Lab	75.1353, -44.4538, 44.2027

# Details

The Hex color **8DDB24** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7224DB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **C8FF64**, and **52A300** is the 20% darker color. If you saturate the color by 10%, you get **84DB0E**, and if you desaturate by 10%, it is **96DB3A**.

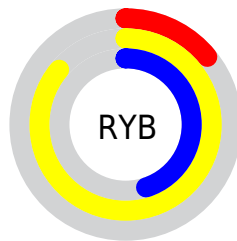
# Distribution



Red (55%)

Green (86%)

Blue (14%)



Red (14%)

Yellow (86%)

Blue (45%)

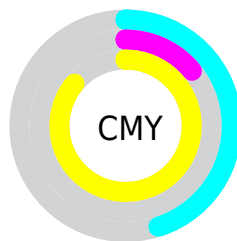


Cyan (36%)

Magenta (0%)

Yellow (84%)

Black (14%)



Cyan (45%)

Magenta (14%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DDB24 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 8DDB24 by changing the saturation by 10% instead.





8DDB24



8DDB24

FFFFFF



70BF00



C8FF64



52A300



E6FF81



328900



FFFF9D



046F00



FFFFBA



005500



FFFFD7



003D00



FFFFF5



002800



000000



8DDB24



8DDB24

■ 84DB0E

■ 96DB3A

■ 7EDB00

■ A0DB50

■ A9DB66

■ B2DB7C

■ BCDB92

■ C5DBA7

■ CEDBBD

■ D8DBD3

■ E1DBE9

# Harmonies

## Analogous

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



E2C600



8DDB24



00E779

# Triad

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



8DDB24



00E1FF



FF6DBF

# Complementary

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



8DDB24



7224DB

# 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.



FF83FF



8DDB24



00CFFF

# Square

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



8DDB24



00EAFB



D3ABFF



FF816F

# Rectangle

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



8DDB24



00EAB2



D3ABFF



FF70DA

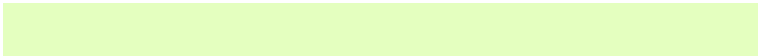


# Sweetspot

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



8DDB24



E4FFBF



DB7024



6F8059



000000



808080



# Same Dimension

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



8DDB24



92FF00



33DB24



696E63



63AD00



1A2E00



# Inverse Universe

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



7224DB



6D00FF



CC24DB



67636E



4A00AD

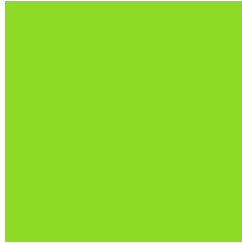


14002E



# Previews

## White Background



This preview shows how the Hex color 8DDB24 looks on a white background.

## Color Contrast Check

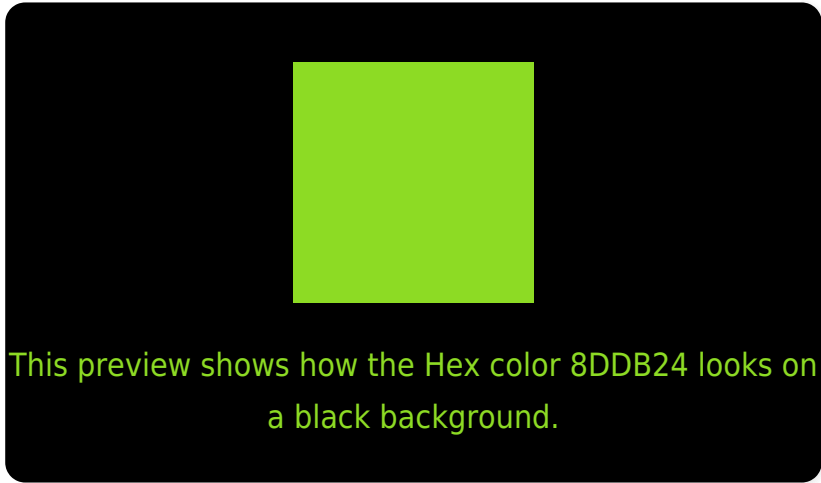
Large Text (above 18pt) WCAG AA × Fail

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 8DDB24 Background



This preview shows how black text looks on a background with the Hex color 8DDB24.



This preview shows how white text looks on a background with the Hex color 8DDB24.

# 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**  
8DDB24

**Protanopia**  
DEC51E

**Deuteranopia**  
F7BB36



# Trichromacy



**Original Color**  
8DDB24



**Protanomaly**  
C1CD20



**Deuteranomaly**  
D0C72F



**Tritanomaly**  
9CD199

# Monochromacy



**Original Color**  
8DDB24



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
A3BF7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DDB24 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 #8DDB24 looks like.

```
.text, #text, p{  
    color:#8DDB24  
}
```

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 #8DDB24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DDB24
}
```

## Border

The CSS property to change the border of an element to Hex 8DDB24 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
#8DDB24 }
```

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

```
.border{ border-color:#8DDB24 }
```

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

Here you see how a box with a 4 pixel #8DDB24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DDB24; -webkit-box-shadow:4px 4px  
4px 4px #8DDB24; box-shadow:4px 4px 4px  
4px #8DDB24 }
```

# Background

The CSS property to change the background color of an element to Hex 8DDB24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DDB24 }
```

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

```
.background{ background-color:#8DDB24 }
```

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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