

Converting Colors

Hex(5DB83E)

Have a look what the booklet for
Hex(5DB83E) contains.

Hex(5DB83E)	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(5DB83E)

Conversions

Conversions Part 1

Format	Color
Hex	5DB83E
RGB	93, 184, 62
RGB Percent	36%, 72%, 24%
CMY	0.6353, 0.2784, 0.7569
CMYK	0.49, 0.00, 0.66, 0.28
HSL	105°, 50%, 48%
HSV	105°, 66%, 72%
XYZ	22.5242, 36.9559, 10.5035
YIQ	142.8830, -15.0740, -57.2340

Conversions

Conversions Part 2

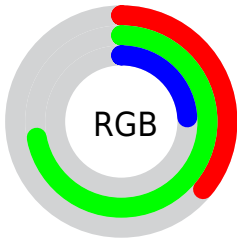
Format	Color
RYB	62, 184, 153
Decimal	6142014
CIELab	67.24, -49.40, 51.80
CIElCh	67, 71.576, 133.640
Yxy	36.9559, 0.3218, 0.5281
Android (android.graphics.Color)	4284332094 (0xFF5DB83E)
YUV	142.8830, -39.8753, -43.7474
Hunter-Lab	60.7914, -40.2478, 32.3099

Details

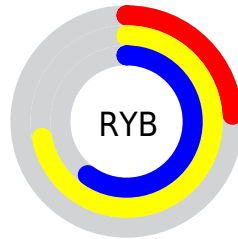
The Hex color **5DB83E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **993EB8**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **96F173**, and **1D8200** is the 20% darker color. If you saturate the color by 10%, you get **4FB82C**, and if you desaturate by 10%, it is **6BB850**.

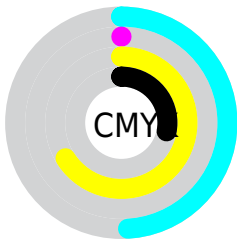
Distribution



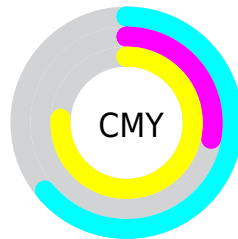
- Red (36%)
- Green (72%)
- Blue (24%)



- Red (24%)
- Yellow (72%)
- Blue (60%)



- Cyan (49%)
- Magenta (0%)
- Yellow (66%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB83E 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 5DB83E by changing the saturation by 10% instead.

 5DB83E

 5DB83E

FFFFFF

 3F9D22

 96F173

 1D8200

 B3FF8E

 006800

 D0FFAA

 004F00

 EEFFC6

 003700

 FFFFE2

 002100

 000000

 5DB83E

 5DB83E

 4FB82C

 6BB850

 42B819

 78B863

 34B807

 86B875

 2FB800

 94B888

 A2B89A

 AFB8AC

 BDB8BF

 CBB8D1

 D9B8E4

Harmonies

Analogous

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



A8AA00



5DB83E



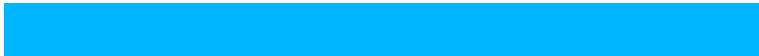
00BF7D

Triad

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



5DB83E



00B5FF



FF6389

Complementary

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



5DB83E



993EB8

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.



FF69CA



5DB83E



51A1FF

Square

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



5DB83E



00BFFC



CC85FF



FF784D

Rectangle

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



5DB83E



00C2AA



CC85FF



FF629F

Sweetspot

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



5DB83E



CCF0C0



B8973E



62785B



F7F7F7



787878

Same Dimension

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



5DB83E



61F030



3EB85A



555C53



289C00



071C00

Inverse Universe

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



993EB8



BF30F0



B83E9C



59535C



74009C



15001C

Previews

White Background



This preview shows how the Hex color 5DB83E looks on a white background.

Color Contrast Check

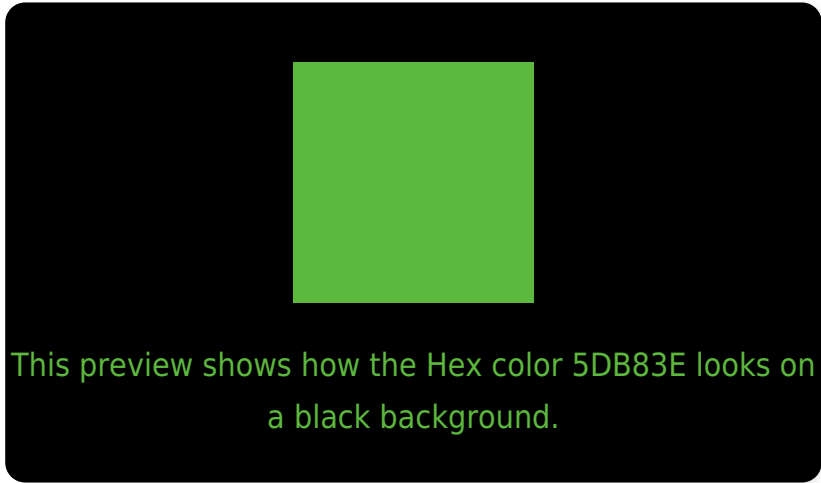
Large Text (above 18pt) WCAG AA × Fail

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 5DB83E Background



This preview shows how black text looks on a background with the Hex color 5DB83E.

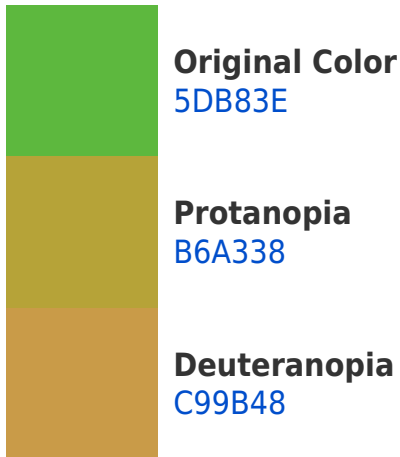


This preview shows how white text looks on a background with the Hex color 5DB83E.

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
74ACBA

Trichromacy



Original Color
5DB83E



Protanomaly
96AB3A



Deuteranomaly
A2A644



Tritanomaly
6CB08D

Monochromacy



Original Color
5DB83E



Achromatopsia
8F8F8F



Achromatomaly
7D9E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB83E 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 #5DB83E looks like.

```
.text, #text, p{  
    color:#5DB83E  
}
```

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 #5DB83E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB83E
}
```

Border

The CSS property to change the border of an element to Hex 5DB83E 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
#5DB83E }
```

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

```
.border{ border-color:#5DB83E }
```

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

Here you see how a box with a 4 pixel #5DB83E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB83E; -webkit-box-shadow:4px 4px  
4px 4px #5DB83E; box-shadow:4px 4px 4px  
4px #5DB83E }
```

Background

The CSS property to change the background color of an element to Hex 5DB83E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB83E }
```

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

```
.background{ background-color:#5DB83E }
```

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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