

Converting Colors

Hex(5DB04E)

Have a look what the booklet for
Hex(5DB04E) contains.

Hex(5DB04E)	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(5DB04E)

Conversions

Conversions Part 1

Format	Color
Hex	5DB04E
RGB	93, 176, 78
RGB Percent	36%, 69%, 31%
CMY	0.6353, 0.3098, 0.6941
CMYK	0.47, 0.00, 0.56, 0.31
HSL	111°, 39%, 50%
HSV	111°, 56%, 69%
XYZ	21.4147, 33.9279, 12.6278
YIQ	140.0110, -18.0100, -48.0740

Conversions

Conversions Part 2

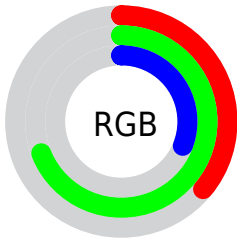
Format	Color
RYB	78, 176, 161
Decimal	6139982
CIELab	64.91, -44.48, 41.96
CIELCh	65, 61.149, 136.672
Yxy	33.9279, 0.3151, 0.4992
Android (android.graphics.Color)	4284330062 (0xFF5DB04E)
YUV	140.0110, -30.5714, -41.2286
Hunter-Lab	58.2476, -36.3081, 27.9196

Details

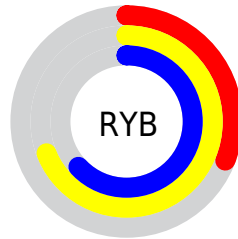
The Hex color **5DB04E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A14EB0**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **95E882**, and **227B1B** is the 20% darker color. If you saturate the color by 10%, you get **4EB03C**, and if you desaturate by 10%, it is **6CB060**.

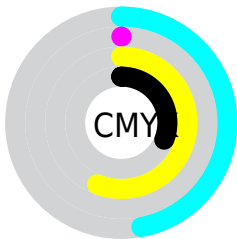
Distribution



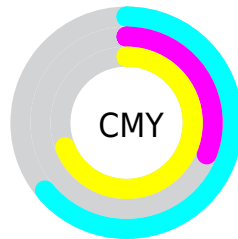
- Red (36%)
- Green (69%)
- Blue (31%)



- Red (31%)
- Yellow (69%)
- Blue (63%)



- Cyan (47%)
- Magenta (0%)
- Yellow (56%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB04E 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 5DB04E by changing the saturation by 10% instead.

 5DB04E

 5DB04E


FFFFFF

 419535

 95E882

 227B1B

 B1FF9C

 006100

 CEFFB8

 004800

 EBFFD4

 003100

 FFFFFF1

 001A00

 000000

 5DB04E

 5DB04E

 4EB03C

 6CB060

 3FB02B

 7BB071

 30B019

 8AB083

 21B008

 99B094

 1BB000

 A8B0A6

 B6B0B8

 C5B0C9

 D4B0DB

 E3B0EC

Harmonies

Analogous

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



9DA429



5DB04E



00B682

Triad

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



5DB04E



00ABFF



FF6C81

Complementary

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



5DB04E



A14EB0

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.



F56EB8



5DB04E



7099FF

Square

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



5DB04E



00B4EC



C782E9



F27C50

Rectangle

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



5DB04E



00B8A8



C782E9



FF6A93

Sweetspot

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



5DB04E



C4E6BE



B0A04E



5F735C



F2F2F2



737373

Same Dimension

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



5DB04E



63E64C



4EB06F



525950



179900



041A00

Inverse Universe

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



A14EB0



CE4CE6



B04E8F



585059



820099



16001A

Previews

White Background



This preview shows how the Hex color 5DB04E looks on a white background.

Color Contrast Check

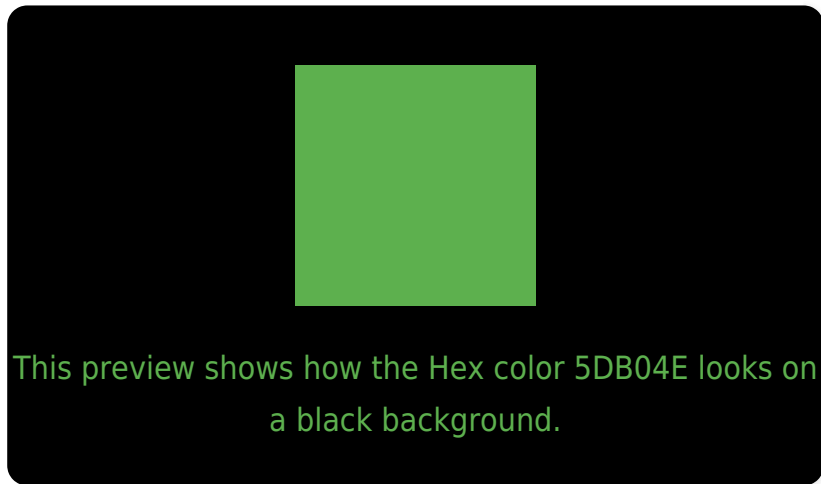
Large Text (above 18pt) WCAG AA × Fail

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

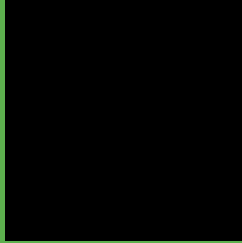
Any Text WCAG AA ✓ Pass

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 5DB04E Background



This preview shows how black text looks on a background with the Hex color 5DB04E.

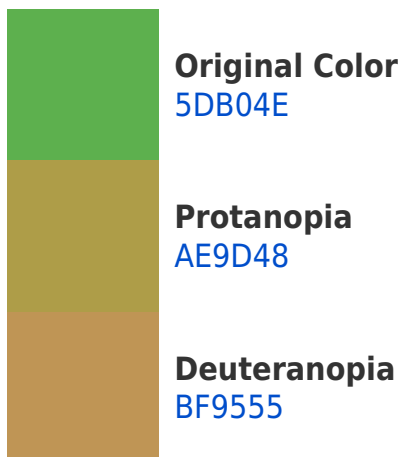


This preview shows how white text looks on a background with the Hex color 5DB04E.

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
71A5B3

Trichromacy



Original Color
5DB04E



Protanomaly
91A44A



Deuteranomaly
9B9F52



Tritanomaly
6AA98E

Monochromacy



Original Color
5DB04E



Achromatopsia
8C8C8C



Achromatomaly
7B9975

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB04E 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 #5DB04E looks like.

```
.text, #text, p{  
    color:#5DB04E  
}
```

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 #5DB04E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB04E
}
```

Border

The CSS property to change the border of an element to Hex 5DB04E 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
#5DB04E }
```

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

```
.border{ border-color:#5DB04E }
```

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

Here you see how a box with a 4 pixel #5DB04E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB04E; -webkit-box-shadow:4px 4px  
4px 4px #5DB04E; box-shadow:4px 4px 4px  
4px #5DB04E }
```

Background

The CSS property to change the background color of an element to Hex 5DB04E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB04E }
```

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

```
.background{ background-color:#5DB04E }
```

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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