

Converting Colors

Hex(5DB36B)

Have a look what the booklet for
Hex(5DB36B) contains.

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Color

Hex(5DB36B)

Conversions

Conversions Part 1

Format	Color
Hex	5DB36B
RGB	93, 179, 107
RGB Percent	36%, 70%, 42%
CMY	0.6353, 0.2980, 0.5804
CMYK	0.48, 0.00, 0.40, 0.30
HSL	130°, 36%, 53%
HSV	130°, 48%, 70%
XYZ	23.2881, 35.6289, 19.5596
YIQ	145.0780, -28.1440, -40.6240

Conversions

Conversions Part 2

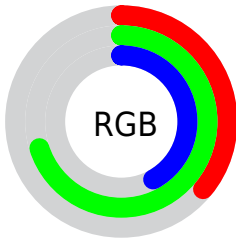
Format	Color
RYB	93, 167, 179
Decimal	6140779
CIELab	66.24, -41.59, 28.94
CIELCh	66, 50.666, 145.171
Yxy	35.6289, 0.2968, 0.4540
Android (android.graphics.Color)	4284330859 (0xFF5DB36B)
YUV	145.0780, -18.7725, -45.6724
Hunter-Lab	59.6899, -34.8153, 22.3544

Details

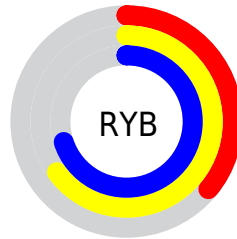
The Hex color **5DB36B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B35DA5**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **94EB9F**, and **237D3A** is the 20% darker color. If you saturate the color by 10%, you get **4BB35C**, and if you desaturate by 10%, it is **6FB37A**.

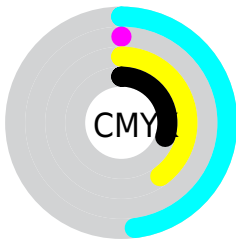
Distribution



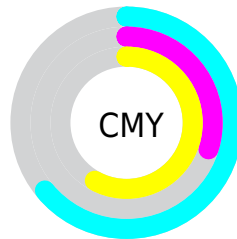
- Red (36%)
- Green (70%)
- Blue (42%)



- Red (36%)
- Yellow (65%)
- Blue (70%)



- Cyan (48%)
- Magenta (0%)
- Yellow (40%)
- Black (30%)



- Cyan (64%)
- Magenta (30%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB36B 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 5DB36B by changing the saturation by 10% instead.

 5DB36B

 5DB36B

FFFFFF

 419852

 94EB9F

 237D3A

 B0FFBA

 006423

 CDFFD6

 004B0B

 EAFFF3

 003300

 001E00

 000000


 5DB36B

 5DB36B

 4BB35C

 6FB37A

 39B34D

 81B389

 27B33E

 93B398

 15B32F

 A5B3A7

 03B320

 B6B3B6

 00B31D

 C8B3C5

 DAB3D4

 ECB3E3

 FEB3F2

Harmonies

Analogous

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



95AA4B



5DB36B



00B798

Triad

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



5DB36B



2FA8FB



F57D7D

Complementary

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



5DB36B



B35DA5

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.



F17BAA



5DB36B



9898F3

Square

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



5DB36B



00B3EB



D286D6



E48B57

Rectangle

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



5DB36B



00B8B7



D286D6



F67B8C

Sweetspot

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



5DB36B



C8E8CD



A6B35D



617565



F5F5F5



757575

Same Dimension

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



5DB36B



61E877



5DB395



505952



009919



001A04

Inverse Universe

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



B35DA5



E861D2



B35D7B



595058



990080



1A0015

Previews

White Background



This preview shows how the Hex color 5DB36B looks on a white background.

Color Contrast Check

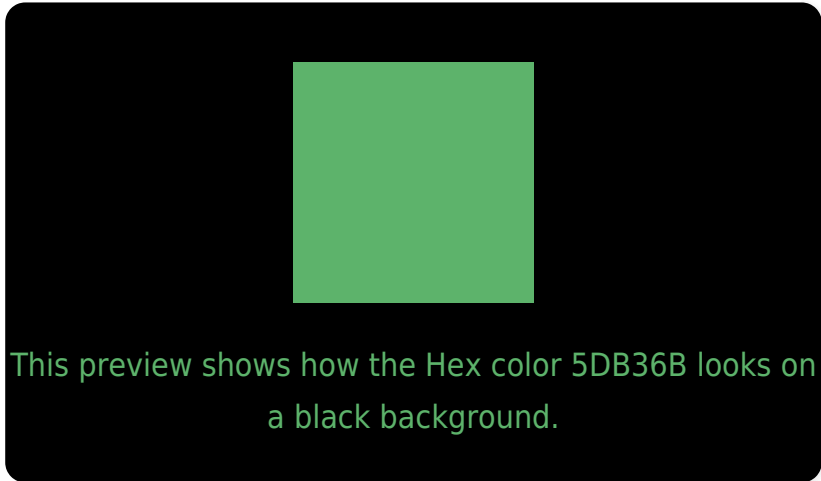
Large Text (above 18pt) WCAG AA × Fail

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 5DB36B Background



This preview shows how black text looks on a background with the Hex color 5DB36B.

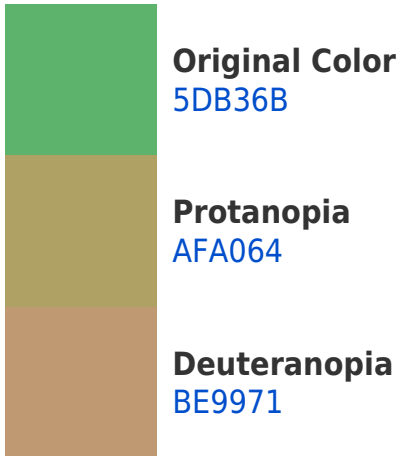


This preview shows how white text looks on a background with the Hex color 5DB36B.

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



Trichromacy



Original Color
5DB36B



Protanomaly
91A767



Deuteranomaly
9BA26F



Tritanomaly
68AD9C

Monochromacy



Original Color
5DB36B



Achromatopsia
919191



Achromatomaly
7E9D83

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB36B 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 #5DB36B looks like.

```
.text, #text, p{  
    color:#5DB36B  
}
```

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 #5DB36B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB36B
}
```

Border

The CSS property to change the border of an element to Hex 5DB36B 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
#5DB36B }
```

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

```
.border{ border-color:#5DB36B }
```

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

Here you see how a box with a 4 pixel #5DB36B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB36B; -webkit-box-shadow:4px 4px  
4px 4px #5DB36B; box-shadow:4px 4px 4px  
4px #5DB36B }
```

Background

The CSS property to change the background color of an element to Hex 5DB36B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB36B }
```

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

```
.background{ background-color:#5DB36B }
```

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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