

Converting Colors

Hex(5DA04B)

Have a look what the booklet for
Hex(5DA04B) contains.

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Color

Hex(5DA04B)

Conversions

Conversions Part 1

Format	Color
Hex	5DA04B
RGB	93, 160, 75
RGB Percent	36%, 63%, 29%
CMY	0.6353, 0.3725, 0.7059
CMYK	0.42, 0.00, 0.53, 0.37
HSL	107°, 36%, 46%
HSV	107°, 53%, 63%
XYZ	18.3550, 27.9768, 11.0893
YIQ	130.2770, -12.6470, -40.6390

Conversions

Conversions Part 2

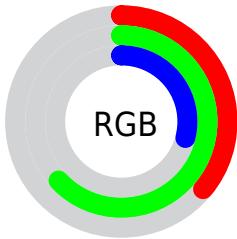
Format	Color
RYB	75, 160, 142
Decimal	6135883
CIELab	59.87, -38.01, 37.41
CIELCh	60, 53.329, 135.457
Yxy	27.9768, 0.3197, 0.4872
Android (android.graphics.Color)	4284325963 (0xFF5DA04B)
YUV	130.2770, -27.2516, -32.6919
Hunter-Lab	52.8931, -30.6196, 24.5947

Details

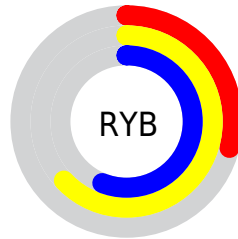
The Hex color **5DA04B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8E4BA0**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **93D77E**, and **276C1A** is the 20% darker color. If you saturate the color by 10%, you get **50A03B**, and if you desaturate by 10%, it is **6AA05B**.

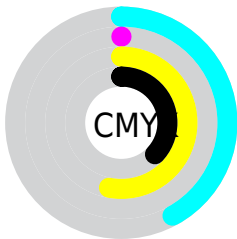
Distribution



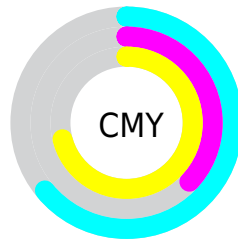
- Red (36%)
- Green (63%)
- Blue (29%)



- Red (29%)
- Yellow (63%)
- Blue (56%)



- Cyan (42%)
- Magenta (0%)
- Yellow (53%)
- Black (37%)



- Cyan (64%)
- Magenta (37%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA04B 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 5DA04B by changing the saturation by 10% instead.



5DA04B



5DA04B

FFFFFF



428532



93D77E



276C1A



AFF498



015300



CBFFB4



003B00



E8FFCF



002600



FFFEC



000000



5DA04B



5DA04B



50A03B



6AA05B



44A02B



76A06B

 37A01B

 83A07B

 2BA00B

 8FA08B

 22A000

 9CA09B

 A9A0AB

 B5A0BB

 C2A0CB

 CFA0DB

Harmonies

Analogous

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



93952F



5DA04B



00A677

Triad

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



5DA04B



009CEB



E7677A

Complementary

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



5DA04B



8E4BA0

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.



DA69A9



5DA04B



688DEB

Square

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



5DA04B



00A4D2



B27AD3



DB734F

Rectangle

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



5DA04B



00A798



B27AD3



E66589

Sweetspot

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



5DA04B



B7D1B0



A08E4B



596955



E8E8E8



696969

Same Dimension

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



5DA04B



68D14B



4BA063



494F47



1E8F00



030F00

Inverse Universe

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



8E4BA0



B54BD1



A04B88



4D474F



71008F



0C000F

Previews

White Background



This preview shows how the Hex color 5DA04B looks on a white background.

Color Contrast Check

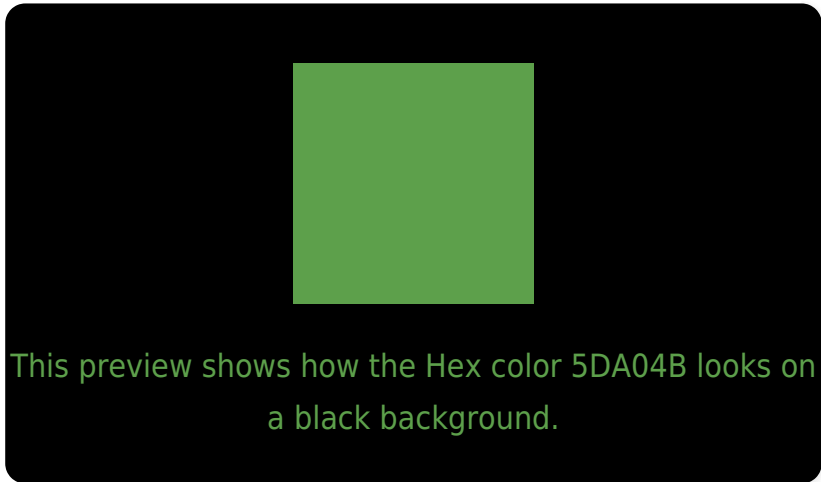
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5DA04B Background



This preview shows how black text looks on a background with the Hex color 5DA04B.



This preview shows how white text looks on a background with the Hex color 5DA04B.

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
5DA04B

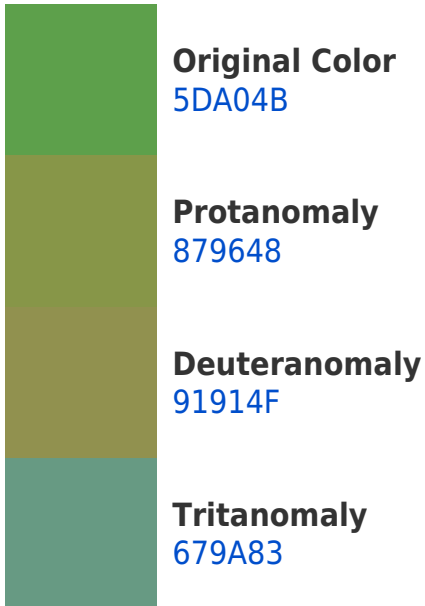
Protanopia
9F9046

Deuteranopia
AF8951

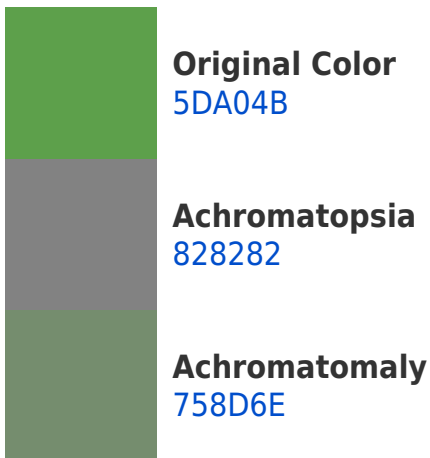


Tritanopia
6D97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA04B 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 #5DA04B looks like.

```
.text, #text, p{  
    color:#5DA04B  
}
```

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 #5DA04B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA04B
}
```

Border

The CSS property to change the border of an element to Hex 5DA04B 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
#5DA04B }
```

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

```
.border{ border-color:#5DA04B }
```

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

Here you see how a box with a 4 pixel #5DA04B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA04B; -webkit-box-shadow:4px 4px  
4px 4px #5DA04B; box-shadow:4px 4px 4px  
4px #5DA04B }
```

Background

The CSS property to change the background color of an element to Hex 5DA04B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA04B }
```

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

```
.background{ background-color:#5DA04B }
```

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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