

Converting Colors

Hex(5FBD44)

Have a look what the booklet for
Hex(5FBD44) contains.

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Color

Hex(5FBD44)

Conversions

Conversions Part 1

Format	Color
Hex	5FBD44
RGB	95, 189, 68
RGB Percent	37%, 74%, 27%
CMY	0.6275, 0.2588, 0.7333
CMYK	0.50, 0.00, 0.64, 0.26
HSL	107°, 48%, 50%
HSV	107°, 64%, 74%
XYZ	23.9603, 39.2454, 11.7811
YIQ	147.1000, -17.1830, -57.5590

Conversions

Conversions Part 2

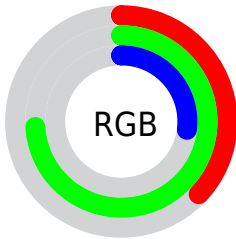
Format	Color
RYB	68, 189, 162
Decimal	6274372
CIELab	68.93, -50.22, 51.13
CIElCh	69, 71.663, 134.486
Yxy	39.2454, 0.3195, 0.5234
Android (android.graphics.Color)	4284464452 (0xFF5FBD44)
YUV	147.1000, -38.9963, -45.6917
Hunter-Lab	62.6462, -41.3599, 32.7024

Details

The Hex color **5FBD44** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A244BD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **98F679**, and **1F8706** is the 20% darker color. If you saturate the color by 10%, you get **50BD31**, and if you desaturate by 10%, it is **6EBD57**.

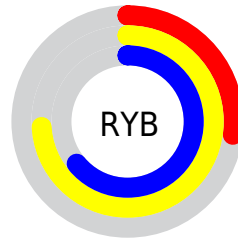
Distribution



Red (37%)

Green (74%)

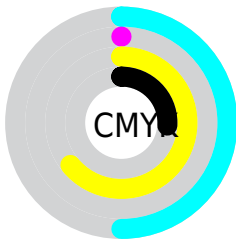
Blue (27%)



Red (27%)

Yellow (74%)

Blue (64%)

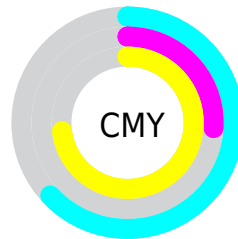


Cyan (50%)

Magenta (0%)

Yellow (64%)

Black (26%)



Cyan (63%)

Magenta (26%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FBD44 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 5FBD44 by changing the saturation by 10% instead.



5FBD44



5FBD44

FFFFFF



41A129



98F679



1F8706



B5FF94



006D00



D2FFB0



005300



F0FFCC



003B00



FFFFE9



002500



000000



5FBD44



5FBD44



50BD31



6EBD57

 42BD1E

 7CBD6A

 33BD0B

 8BBD7D

 2ABD00

 9ABD90

 A8BDA3

 B7BDB5

 C6BDC8

 D4BDDB

 E3BDEE

Harmonies

Analogous

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



ABAF0C



5FBD44



00C483

Triad

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



5FBD44



00B9FF



FF688B

Complementary

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



5FBD44



A244BD

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.



FF6ECD



5FBD44



5DA5FF

Square

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



5FBD44



00C4FF



D389FF



FF7D4F

Rectangle

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



5FBD44



00C6B0



D389FF



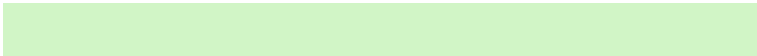
FF67A1

Sweetspot

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



5FBD44



D1F5C6



BDA144



657A5E



FAFAFA



7A7A7A

Same Dimension

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



5FBD44



62F538



44BD64



575E55



239E00



071F00

Inverse Universe

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



A244BD



CB38F5



BD449D



5C555E



7B009E



18001F

Previews

White Background



This preview shows how the Hex color 5FBD44 looks on a white background.

Color Contrast Check

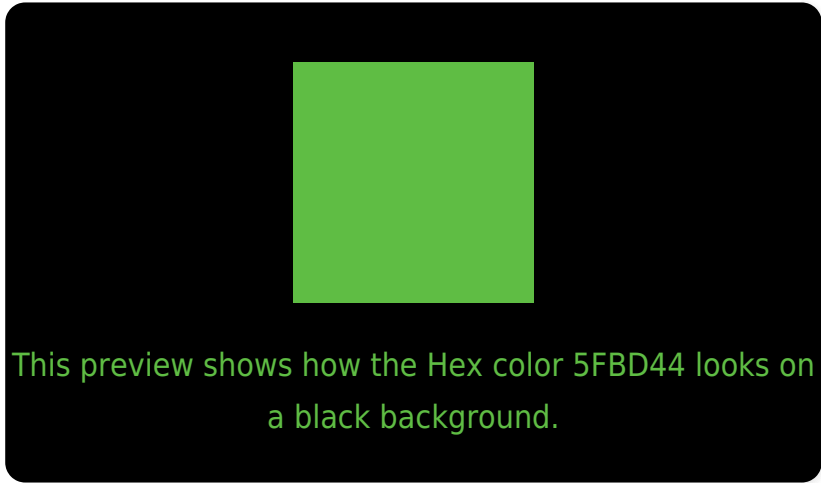
Large Text (above 18pt) WCAG AA × Fail

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

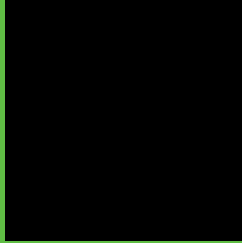
Any Text WCAG AA ✓ Pass

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 5FBD44 Background



This preview shows how black text looks on a background with the Hex color 5FBD44.



This preview shows how white text looks on a background with the Hex color 5FBD44.

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
5FBD44

Protanopia
BBA73E

Deuteranopia
CF9F4D



Tritanopia
76B1BF

Trichromacy



Original Color
5FBD44



Protanomaly
9AAF40



Deuteranomaly
A6AA4A



Tritanomaly
6EB592

Monochromacy



Original Color
5FBD44



Achromatopsia
939393



Achromatomaly
80A276

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FBD44 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 #5FBD44 looks like.

```
.text, #text, p{  
    color:#5FBD44  
}
```

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 #5FBD44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBD44
}
```

Border

The CSS property to change the border of an element to Hex 5FBD44 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
#5FBD44 }
```

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

```
.border{ border-color:#5FBD44 }
```

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

Here you see how a box with a 4 pixel #5FBD44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBD44; -webkit-box-shadow:4px 4px  
4px 4px #5FBD44; box-shadow:4px 4px 4px  
4px #5FBD44 }
```

Background

The CSS property to change the background color of an element to Hex 5FBD44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBD44 }
```

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

```
.background{ background-color:#5FBD44 }
```

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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