

Converting Colors

Hex(5FBA25)

Have a look what the booklet for
Hex(5FBA25) contains.

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Color

Hex(5FBA25)

Conversions

Conversions Part 1

Format	Color
Hex	5FBA25
RGB	95, 186, 37
RGB Percent	37%, 73%, 15%
CMY	0.6275, 0.2706, 0.8549
CMYK	0.49, 0.00, 0.80, 0.27
HSL	97°, 67%, 44%
HSV	97°, 80%, 73%
XYZ	22.6121, 37.6843, 7.8323
YIQ	141.8050, -6.4070, -65.6310

Conversions

Conversions Part 2

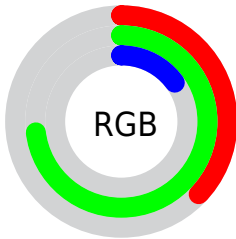
Format	Color
RYB	37, 186, 128
Decimal	6273573
CIELab	67.79, -51.34, 61.28
CIELCh	68, 79.944, 129.952
Yxy	37.6843, 0.3319, 0.5531
Android (android.graphics.Color)	4284463653 (0xFF5FBA25)
YUV	141.8050, -51.6689, -41.0480
Hunter-Lab	61.3875, -41.6775, 35.4066

Details

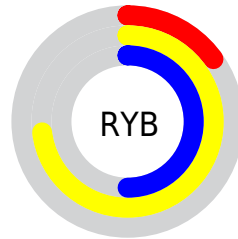
The Hex color **5FBA25** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8025BA**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **99F35F**, and **1D8400** is the 20% darker color. If you saturate the color by 10%, you get **54BA12**, and if you desaturate by 10%, it is **6ABA38**.

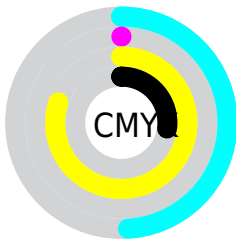
Distribution



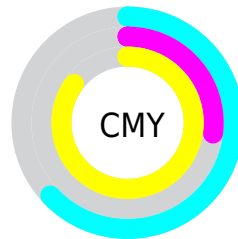
- Red (37%)
- Green (73%)
- Blue (15%)



- Red (15%)
- Yellow (73%)
- Blue (50%)



- Cyan (49%)
- Magenta (0%)
- Yellow (80%)
- Black (27%)



- Cyan (63%)
- Magenta (27%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FBA25 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 5FBA25 by changing the saturation by 10% instead.

 5FBA25

 5FBA25

FFFFFF

 419F00

 99F35F

 1D8400

 B6FF7B

 006A00

 D4FF96

 005100

 F2FFB2

 003900

 FFFFCF

 002200

 FFFFEC

 000000

 5FBA25

 5FBA25

 54BA12

 6ABA38

 48BA00

 76BA4A

 81BA5D

 8CBA6F

 98BA82

 A3BA95

 AFBAA7

 BABABA

 C5BACC

Harmonies

Analogous

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



B0AA00



5FBA25



00C371

Triad

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



5FBA25



00BAFF



FF5690

Complementary

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



5FBA25



8025BA

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.



FF63D8



5FBA25



00A6FF

Square

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



5FBA25



00C4FF



C586FF



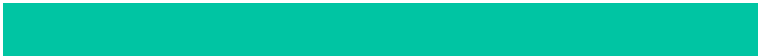
FF6E4B

Rectangle

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



5FBA25



00C5A3



C586FF



FF55A8

Sweetspot

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



5FBA25



CFF2B8



BA7E25



657A57



FAFAFA



7A7A7A

Same Dimension

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



5FBA25



64F20A



25BA34



565C53



3D9C00



0B1C00

Inverse Universe

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



8025BA



980AF2



BA25AB



58535C



5F009C



11001C

Previews

White Background



This preview shows how the Hex color 5FBA25 looks on a white background.

Color Contrast Check

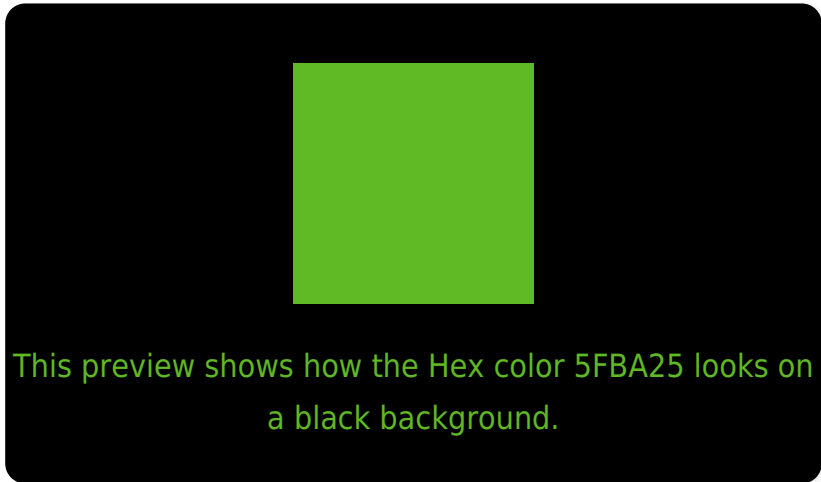
Large Text (above 18pt) WCAG AA × Fail

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 5FBA25 Background



This preview shows how black text looks on a background with the Hex color 5FBA25.



This preview shows how white text looks on a background with the Hex color 5FBA25.

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
5FBA25

Protanopia
B9A41F

Deuteranopia
CE9C34



Tritanopia
77ADBB

Trichromacy



Original Color
5FBA25



Protanomaly
98AC21



Deuteranomaly
A6A72F



Tritanomaly
6EB284

Monochromacy



Original Color
5FBA25



Achromatopsia
8E8E8E



Achromatomaly
7D9E68

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FBA25 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 #5FBA25 looks like.

```
.text, #text, p{  
    color:#5FBA25  
}
```

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 #5FBA25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBA25
}
```

Border

The CSS property to change the border of an element to Hex 5FBA25 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
#5FBA25 }
```

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

```
.border{ border-color:#5FBA25 }
```

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

Here you see how a box with a 4 pixel #5FBA25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBA25; -webkit-box-shadow:4px 4px  
4px 4px #5FBA25; box-shadow:4px 4px 4px  
4px #5FBA25 }
```

Background

The CSS property to change the background color of an element to Hex 5FBA25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBA25 }
```

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

```
.background{ background-color:#5FBA25 }
```

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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