

Converting Colors

Hex(5FA30D)

Have a look what the booklet for
Hex(5FA30D) contains.

Hex(5FA30D)	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(5FA30D)

Conversions

Conversions Part 1

Format	Color
Hex	5FA30D
RGB	95, 163, 13
RGB Percent	37%, 64%, 5%
CMY	0.6275, 0.3608, 0.9490
CMYK	0.42, 0.00, 0.92, 0.36
HSL	87°, 85%, 35%
HSV	87°, 92%, 64%
XYZ	17.8892, 28.6563, 4.9691
YIQ	125.5680, 7.6220, -61.0660

Conversions

Conversions Part 2

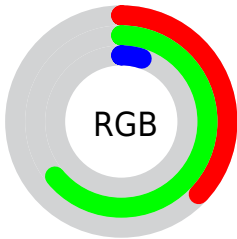
Format	Color
RYB	13, 163, 81
Decimal	6267661
CIELab	60.48, -43.10, 60.38
CIElCh	60, 74.190, 125.518
Yxy	28.6563, 0.3473, 0.5563
Android (android.graphics.Color)	4284457741 (0xFF5FA30D)
YUV	125.5680, -55.4960, -26.8081
Hunter-Lab	53.5316, -34.0293, 31.9685

Details

The Hex color **5FA30D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **510DA3**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **97DA4E**, and **246F00** is the 20% darker color. If you saturate the color by 10%, you get **59A300**, and if you desaturate by 10%, it is **66A31D**.

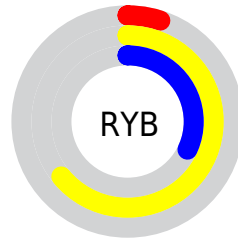
Distribution



Red (37%)

Green (64%)

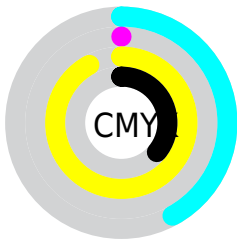
Blue (5%)



Red (5%)

Yellow (64%)

Blue (32%)

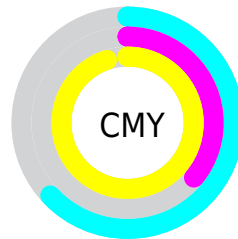


Cyan (42%)

Magenta (0%)

Yellow (92%)

Black (36%)



Cyan (63%)

Magenta (36%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FA30D 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 5FA30D by changing the saturation by 10% instead.

 5FA30D

 5FA30D

FFFFFF

 438800

 97DA4E

 246F00

 B4F769

 005600

 D1FF85

 003D00

 EFFFFA0

 002900

 FFFFBD

 000300

 FFFFD9

 000000

 FFFFF7

 5FA30D

 5FA30D

■ 59A300

■ 66A31D

■ 6EA32E

■ 75A33E

■ 7DA34E

■ 84A35F

■ 8BA36F

■ 93A37F

■ 9AA38F

■ A2A3A0

Harmonies

Analogous

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



A49300



5FA30D



00AC58

Triad

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



5FA30D



00A7FF



FF4889

Complementary

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



5FA30D



510DA3

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.



E959C9



5FA30D



0096FF

Square

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



5FA30D



00AEDD



A07AFD



FC5B49

Rectangle

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



5FA30D



00AE86



A07AFD



FF4A9F

Sweetspot

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



5FA30D



B9D498



A3510D



5B6B47



EBEBEB



6B6B6B

Same Dimension

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



5FA30D



74D400



15A30D



4E5249



4F9100



0A1200

Inverse Universe

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



510DA3



6000D4



9B0DA3



4D4952



420091



080012

Previews

White Background



This preview shows how the Hex color 5FA30D looks on a white background.

Color Contrast Check

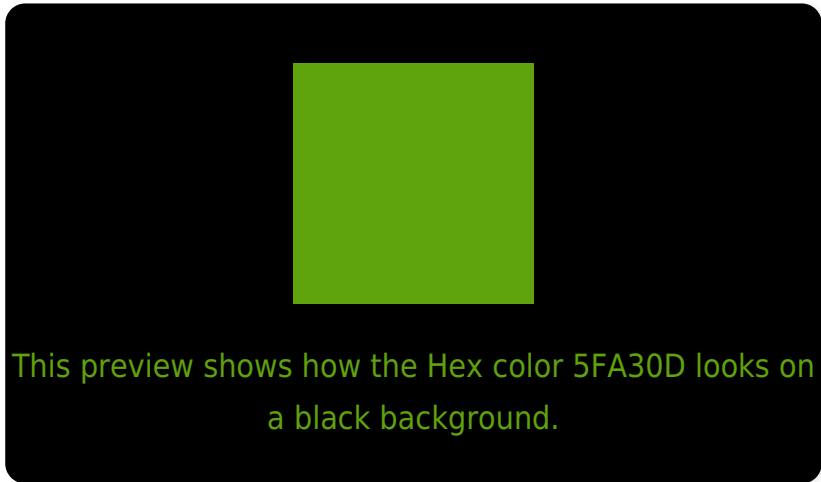
Large Text (above 18pt) WCAG AA ✓ Pass

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 5FA30D Background



This preview shows how black text looks on a background with the Hex color 5FA30D.

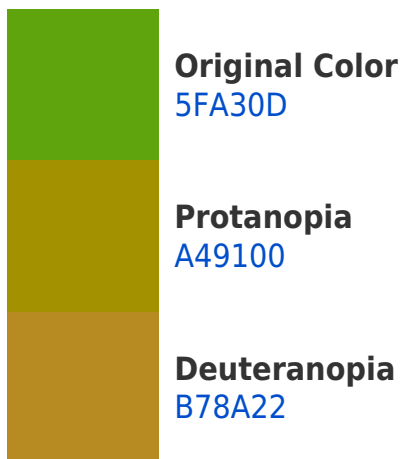


This preview shows how white text looks on a background with the Hex color 5FA30D.

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](#).

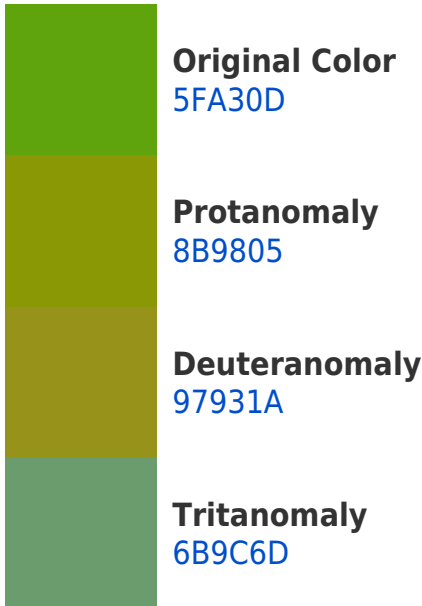
Dichromacy





Tritanopia
7298A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FA30D 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 #5FA30D looks like.

```
.text, #text, p{  
    color:#5FA30D  
}
```

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 #5FA30D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA30D
}
```

Border

The CSS property to change the border of an element to Hex 5FA30D 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
#5FA30D }
```

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

```
.border{ border-color:#5FA30D }
```

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

Here you see how a box with a 4 pixel #5FA30D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA30D; -webkit-box-shadow:4px 4px  
4px 4px #5FA30D; box-shadow:4px 4px 4px  
4px #5FA30D }
```

Background

The CSS property to change the background color of an element to Hex 5FA30D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA30D }
```

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

```
.background{ background-color:#5FA30D }
```

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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