

Converting Colors

Hex(6FA129)

Have a look what the booklet for
Hex(6FA129) contains.

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Color

Hex(6FA129)

Conversions

Conversions Part 1

Format	Color
Hex	6FA129
RGB	111, 161, 41
RGB Percent	44%, 63%, 16%
CMY	0.5647, 0.3686, 0.8392
CMYK	0.31, 0.00, 0.75, 0.37
HSL	85°, 59%, 40%
HSV	85°, 75%, 63%
XYZ	19.7007, 29.0293, 6.6627
YIQ	132.3700, 8.7200, -47.9200

Conversions

Conversions Part 2

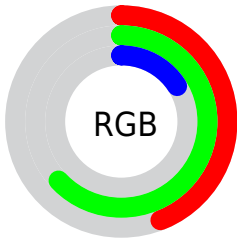
Format	Color
RYB	41, 161, 91
Decimal	7315753
CIELab	60.81, -35.16, 53.61
CIELCh	61, 64.117, 123.259
Yxy	29.0293, 0.3557, 0.5241
Android (android.graphics.Color)	4285505833 (0xFF6FA129)
YUV	132.3700, -45.0454, -18.7415
Hunter-Lab	53.8789, -29.0201, 30.3834

Details

The Hex color **6FA129** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5B29A1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A6D85F**, and **396D00** is the 20% darker color. If you saturate the color by 10%, you get **68A119**, and if you desaturate by 10%, it is **76A139**.

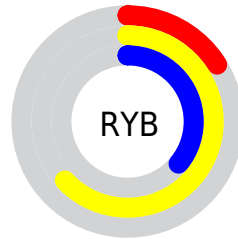
Distribution



Red (44%)

Green (63%)

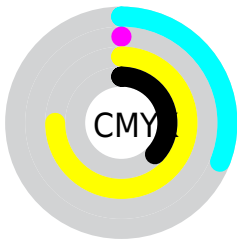
Blue (16%)



Red (16%)

Yellow (63%)

Blue (36%)

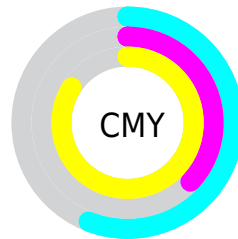


Cyan (31%)

Magenta (0%)

Yellow (75%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FA129 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 6FA129 by changing the saturation by 10% instead.

 6FA129

 6FA129

FFFFFF

 548705

 A6D85F

 396D00

 C3F57A

 1E5400

 E0FF95

 003D00

 FDFFB0

 002700

 FFFFCD

 000600

 FFFFEA

 000000

 6FA129

 6FA129

 68A119

 76A139

■ 62A109

■ 7CA149

■ 5EA100

■ 83A159

■ 8AA169

■ 91A179

■ 97A18A

■ 9EA19A

■ A5A1AA

■ ABA1BA

Harmonies

Analogous

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



A99206



6FA129



00AA5D

Triad

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



6FA129



00A6F7



F75A8F

Complementary

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



6FA129



5B29A1

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.



DB67C7



6FA129



0097FF

Square

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



6FA129



00ACCF



9B81F2



F36558

Rectangle

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



6FA129



00AC84



9B81F2



F15CA2

Sweetspot

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



6FA129



BED1A3



A15B29



5D694D



E8E8E8



696969

Same Dimension

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



6FA129



84D117



35A129



4E5249



559100



0A1200

Inverse Universe

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



5B29A1



6517D1



9729A1



4D4952



3D0091



070012

Previews

White Background



This preview shows how the Hex color 6FA129 looks on a white background.

Color Contrast Check

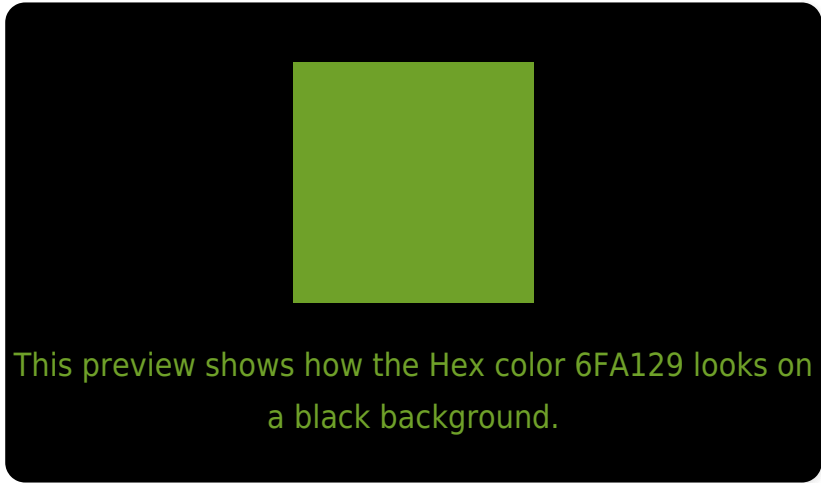
Large Text (above 18pt) WCAG AA ✓ Pass

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 6FA129 Background



This preview shows how black text looks on a background with the Hex color 6FA129.



This preview shows how white text looks on a background with the Hex color 6FA129.

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
6FA129

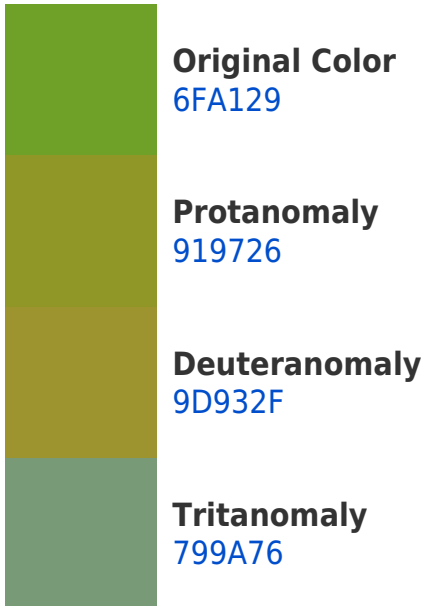
Protanopia
A49225

Deuteranopia
B78B32



Tritanopia
7E96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FA129 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 #6FA129 looks like.

```
.text, #text, p{  
    color:#6FA129  
}
```

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 #6FA129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA129  
}
```

Border

The CSS property to change the border of an element to Hex 6FA129 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  
#6FA129 }
```

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

```
.border{ border-color:#6FA129 }
```

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

Here you see how a box with a 4 pixel #6FA129 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA129; -webkit-box-shadow:4px 4px  
4px 4px #6FA129; box-shadow:4px 4px 4px  
4px #6FA129 }
```

Background

The CSS property to change the background color of an element to Hex 6FA129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA129 }
```

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

```
.background{ background-color:#6FA129 }
```

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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