

Converting Colors

Hex(6FA401)

Have a look what the booklet for
Hex(6FA401) contains.

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Color

Hex(6FA401)

Conversions

Conversions Part 1

Format	Color
Hex	6FA401
RGB	111, 164, 1
RGB Percent	44%, 64%, 0%
CMY	0.5647, 0.3569, 0.9961
CMYK	0.32, 0.00, 0.99, 0.36
HSL	80°, 99%, 32%
HSV	80°, 99%, 64%
XYZ	19.8365, 29.9326, 4.7608
YIQ	129.5710, 20.7350, -61.9290

Conversions

Conversions Part 2

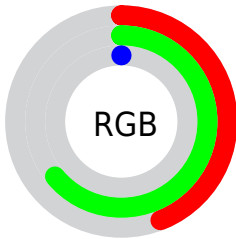
Format	Color
R_{YB}	1, 164, 54
Decimal	7316481
CIE Lab	61.60, -37.88, 63.33
CIE LCh	62, 73.794, 120.888
Yxy	29.9326, 0.3638, 0.5489
Android (android.graphics.Color)	4285506561 (0xFF6FA401)
YUV	129.5710, -63.3855, -16.2868
Hunter-Lab	54.7107, -31.0249, 33.1382

Details

The Hex color **6FA401** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3601A4**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A7DB4A**, and **377000** is the 20% darker color. If you saturate the color by 10%, you get **6FA400**, and if you desaturate by 10%, it is **74A411**.

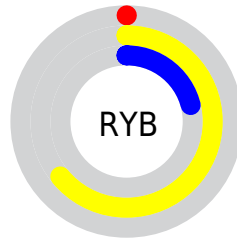
Distribution



Red (44%)

Green (64%)

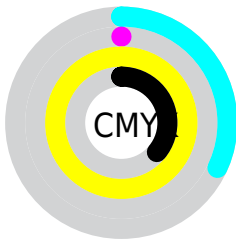
Blue (0%)



Red (0%)

Yellow (64%)

Blue (21%)

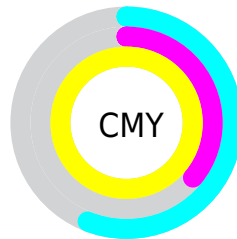


Cyan (32%)

Magenta (0%)

Yellow (99%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FA401 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 6FA401 by changing the saturation by 10% instead.



6FA401



6FA401

FFFFFF



538900



A7DB4A



377000



C4F866



185700



E1FF81



003F00



FFFF9D



002900



FFFFBA



000B00



FFFFD6



000000



FFFFF4



6FA401



6FA401

■ 6FA400

■ 74A411

■ 7AA422

■ 7FA432

■ 84A443

■ 8AA453

■ 8FA463

■ 94A474

■ 9AA484

■ 9FA495

Harmonies

Analogous

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



B19300



6FA401



00AE51

Triad

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



6FA401



00ABFF



FF4D96

Complementary

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



6FA401



3601A4

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.



E462D5



6FA401



009CFF

Square

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



6FA401



00B2D6



9382FF



FF5A56

Rectangle

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



6FA401



00B17E



9382FF



FF50AC

Sweetspot

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



6FA401



C1D696



A43501



5F6B45



EBEBEB



6B6B6B

Same Dimension

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



6FA401



91D600



1FA401



4F5249



629100



0C1200

Inverse Universe

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



3601A4



4600D6



8601A4



4C4952



2F0091



060012

Previews

White Background



This preview shows how the Hex color 6FA401 looks on a white background.

Color Contrast Check

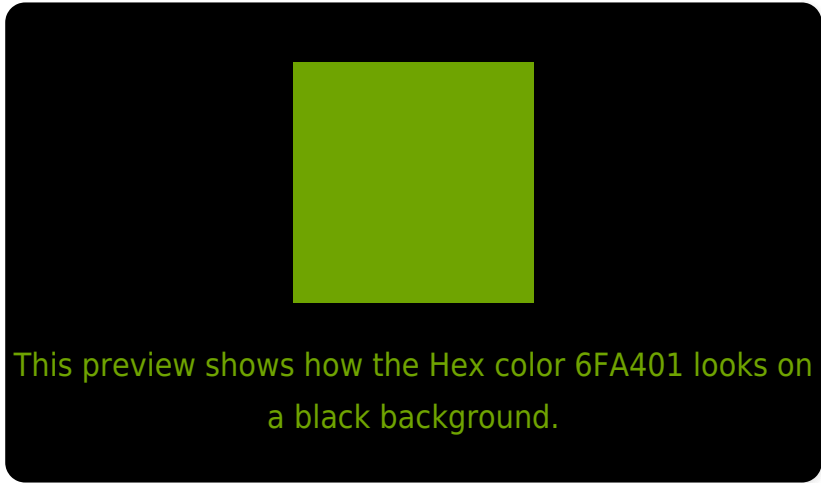
Large Text (above 18pt) WCAG AA ✓ Pass

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 6FA401 Background



This preview shows how black text looks on a background with the Hex color 6FA401.



This preview shows how white text looks on a background with the Hex color 6FA401.

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
6FA401

Protanopia
A79500

Deuteranopia
BB8D1F



Tritanopia
7F98A5

Trichromacy



Original Color
6FA401

Protanomaly
939A00

Deuteranomaly
9F9514

Tritanomaly
799C69

Monochromacy



Original Color
6FA401

Achromatopsia
828282

Achromatomaly
7B8E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FA401 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 #6FA401 looks like.

```
.text, #text, p{  
    color:#6FA401  
}
```

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 #6FA401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA401
}
```

Border

The CSS property to change the border of an element to Hex 6FA401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

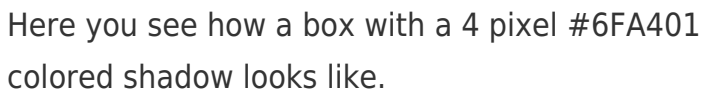
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6FA401 }
```

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

```
.border{ border-color:#6FA401 }
```

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



Here you see how a box with a 4 pixel #6FA401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA401; -webkit-box-shadow:4px 4px  
4px 4px #6FA401; box-shadow:4px 4px 4px  
4px #6FA401 }
```

Background

The CSS property to change the background color of an element to Hex 6FA401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA401 }
```

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

```
.background{ background-color:#6FA401 }
```

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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