

# Converting Colors

Hex(6BA314)

Have a look what the booklet for  
Hex(6BA314) contains.

<b>Hex(6BA314)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6BA314)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BA314
RGB	107, 163, 20
RGB Percent	42%, 64%, 8%
CMY	0.5804, 0.3608, 0.9216
CMYK	0.34, 0.00, 0.88, 0.36
HSL	83°, 78%, 36%
HSV	83°, 88%, 64%
XYZ	19.2869, 29.3707, 5.3144
YIQ	129.9540, 12.5270, -56.3450

# Conversions

## Conversions Part 2

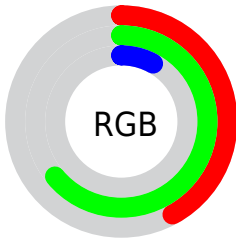
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 163, 76
Decimal	7054100
CIE <sub>Lab</sub>	61.11, -38.54, 59.85
CIE <sub>LCh</sub>	61, 71.189, 122.779
Yxy	29.3707, 0.3573, 0.5442
Android (android.graphics.Color)	4285244180 (0xFF6BA314)
YUV	129.9540, -54.2073, -20.1307
Hunter-Lab	54.1947, -31.3161, 32.1223

# Details

The Hex color **6BA314** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4C14A3**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A3DA51**, and **336F00** is the 20% darker color. If you saturate the color by 10%, you get **65A304**, and if you desaturate by 10%, it is **71A324**.

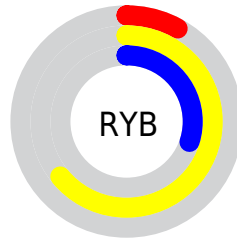
# Distribution



Red (42%)

Green (64%)

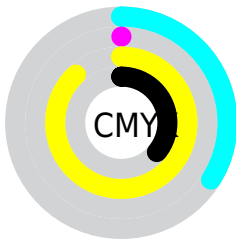
Blue (8%)



Red (8%)

Yellow (64%)

Blue (30%)

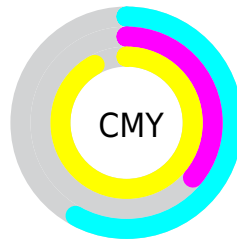


Cyan (34%)

Magenta (0%)

Yellow (88%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA314 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 6BA314 by changing the saturation by 10% instead.





6BA314



6BA314

FFFFFF



4F8800



A3DA51



336F00



C0F76C



135600



DDFF88



003E00



FAFFA4



002900



FFFFC0



000800



FFFFDD



000000



FFFFFA



6BA314



6BA314

■ 65A304

■ 71A324

■ 63A300

■ 78A335

■ 7EA345

■ 85A355

■ 8BA365

■ 91A376

■ 98A386

■ 9EA396

■ A4A3A7

# Harmonies

## Analogous

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



AB9300



6BA314



00AC56

# Triad

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



6BA314



00A9FF



FF5090

# Complementary

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



6BA314



4C14A3

# 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.



E361CE



6BA314



0099FF

# Square

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



6BA314



00AFD6



9980FE



FD5E53

# Rectangle

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



6BA314



00AF82



9980FE



FB52A5



# Sweetspot

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



6BA314



BED49D



A34B14



5E6B4A



EBEBEB



6B6B6B



# Same Dimension

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



6BA314



81D400



25A314



4E5249



589100



0B1200



# Inverse Universe

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



4C14A3



5300D4



9214A3



4D4952



390091



070012



# Previews

## White Background



This preview shows how the Hex color 6BA314 looks on a white background.

## Color Contrast Check

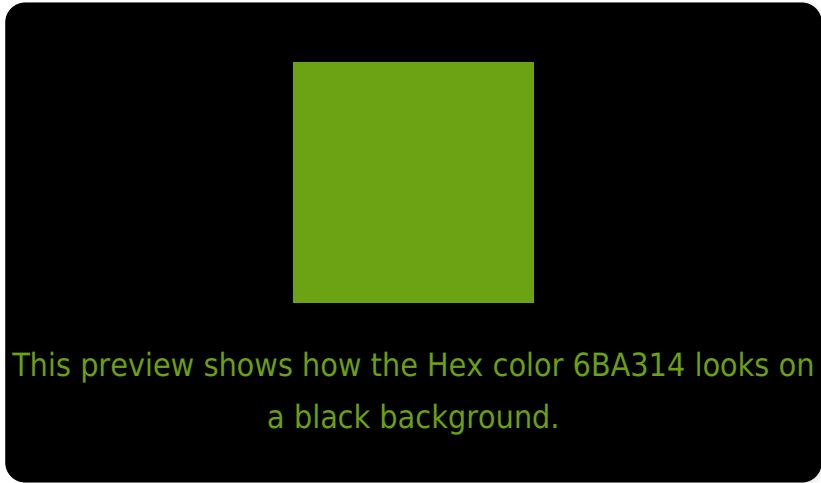
Large Text (above 18pt) WCAG AA ✓ Pass

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 6BA314 Background



This preview shows how black text looks on a background with the Hex color 6BA314.

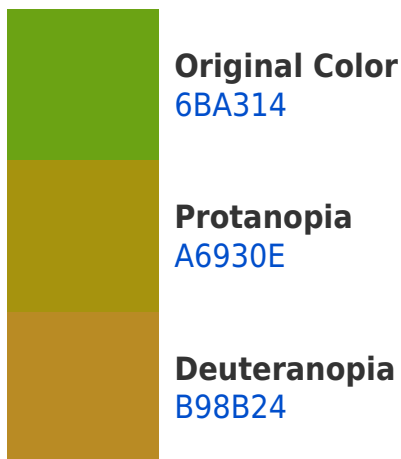


This preview shows how white text looks on a background with the Hex color 6BA314.

# 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**  
7C98A4

# Trichromacy



**Original Color**  
6BA314

**Protanomaly**  
919910

**Deuteranomaly**  
9D941E

**Tritanomaly**  
769C70

# Monochromacy



**Original Color**  
6BA314

**Achromatopsia**  
828282

**Achromatomaly**  
7A8E5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA314 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 #6BA314 looks like.

```
.text, #text, p{  
    color:#6BA314  
}
```

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 #6BA314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA314
}
```

## Border

The CSS property to change the border of an element to Hex 6BA314 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
#6BA314 }
```

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

```
.border{ border-color:#6BA314 }
```

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

Here you see how a box with a 4 pixel #6BA314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA314; -webkit-box-shadow:4px 4px  
4px 4px #6BA314; box-shadow:4px 4px 4px  
4px #6BA314 }
```

# Background

The CSS property to change the background color of an element to Hex 6BA314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA314 }
```

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

```
.background{ background-color:#6BA314 }
```

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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