

# Converting Colors

Hex(6DA930)

Have a look what the booklet for  
Hex(6DA930) contains.

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**Color**

**Hex(6DA930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DA930
RGB	109, 169, 48
RGB Percent	43%, 66%, 19%
CMY	0.5725, 0.3373, 0.8118
CMYK	0.36, 0.00, 0.72, 0.34
HSL	90°, 56%, 43%
HSV	90°, 72%, 66%
XYZ	21.0281, 31.8405, 7.8338
YIQ	137.2660, 3.0810, -50.3510

# Conversions

## Conversions Part 2

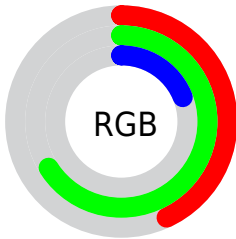
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 169, 108
Decimal	7186736
CIELab	63.21, -39.02, 53.39
CIELCh	63, 66.127, 126.162
Yxy	31.8405, 0.3464, 0.5245
Android (android.graphics.Color)	4285376816 (0xFF6DA930)
YUV	137.2660, -44.0081, -24.7893
Hunter-Lab	56.4274, -32.2285, 31.2679

# Details

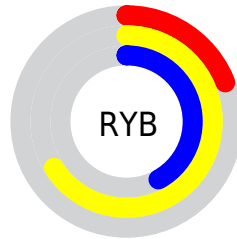
The Hex color **6DA930** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6C30A9**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A5E166**, and **367400** is the 20% darker color. If you saturate the color by 10%, you get **65A91F**, and if you desaturate by 10%, it is **75A941**.

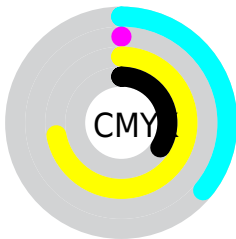
# Distribution



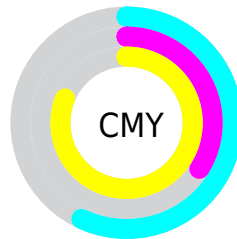
- Red (43%)
- Green (66%)
- Blue (19%)



- Red (19%)
- Yellow (66%)
- Blue (42%)



- Cyan (36%)
- Magenta (0%)
- Yellow (72%)
- Black (34%)



- Cyan (57%)
- Magenta (34%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DA930 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 6DA930 by changing the saturation by 10% instead.



 6DA930

 6DA930

FFFFFF

 528E10

 A5E166

 367400

 C1FD80

 185B00

 DEFF9C

 004300

 FBFFB7

 002D00

 FFFFD4

 001300

 FFFFF1

 000000

 6DA930

 6DA930

 65A91F

 75A941

 5CA90E

 7EA952

 55A900

 86A963

 8FA974

 97A984

 9FA995

 A8A9A6

 B0A9B7

 B8A9C8

# Harmonies

## Analogous

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



AB9A07



6DA930



00B167

# Triad

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



6DA930



00ACFF



FF5E8F

# Complementary

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



6DA930



6C30A9

# 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.



E96ACA



6DA930



009CFF

# Square

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



6DA930



00B3DD



AA84F9



FB6C57

# Rectangle

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



6DA930



00B48F



AA84F9



FD5FA3



# Sweetspot

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



6DA930



C4DBAD



A96A30



606E52



EDEDED



6E6E6E



# Same Dimension

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



6DA930



7EDB1F



32A930



50544C



4B9400



0A1400



# Inverse Universe

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



6C30A9



7C1FDB



A730A9



504C54



490094



0A0014



# Previews

## White Background



This preview shows how the Hex color 6DA930 looks on a white background.

## Color Contrast Check

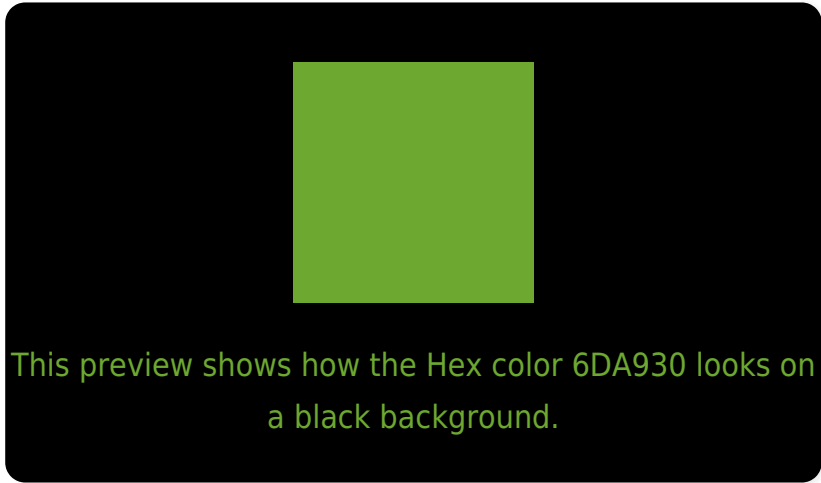
Large Text (above 18pt) WCAG AA × Fail

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 6DA930 Background



This preview shows how black text looks on a background with the Hex color 6DA930.

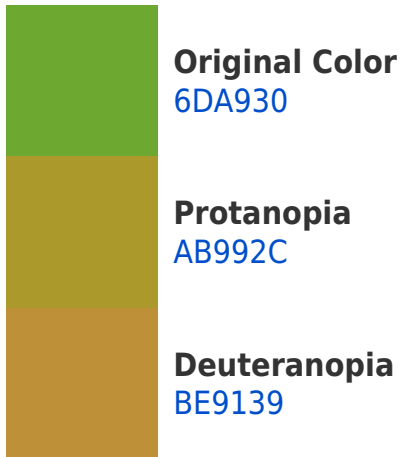


This preview shows how white text looks on a background with the Hex color 6DA930.

# 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](#).

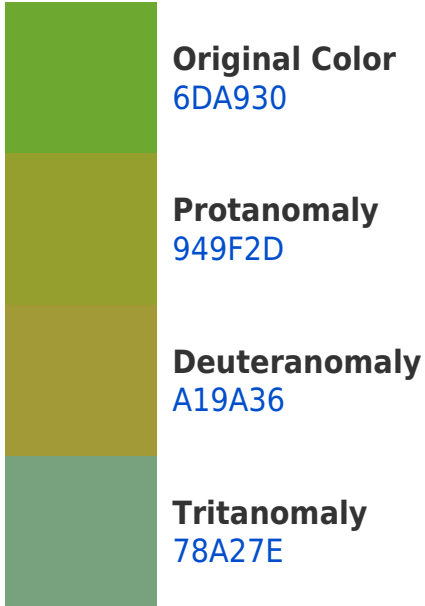
## Dichromacy



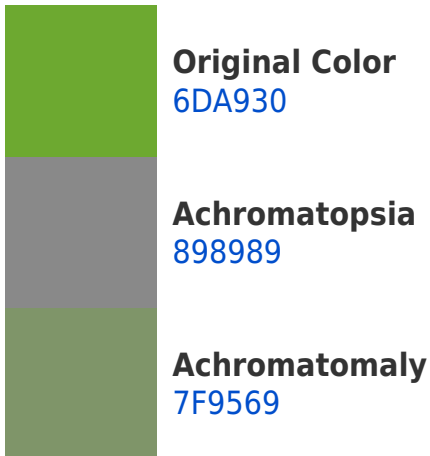


**Tritanopia**  
7E9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DA930 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 #6DA930 looks like.

```
.text, #text, p{  
    color:#6DA930  
}
```

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 #6DA930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA930
}
```

## Border

The CSS property to change the border of an element to Hex 6DA930 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
#6DA930 }
```

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

```
.border{ border-color:#6DA930 }
```

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

Here you see how a box with a 4 pixel #6DA930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA930; -webkit-box-shadow:4px 4px  
4px 4px #6DA930; box-shadow:4px 4px 4px  
4px #6DA930 }
```

# Background

The CSS property to change the background color of an element to Hex 6DA930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA930 }
```

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

```
.background{ background-color:#6DA930 }
```

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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