

# Converting Colors

Hex(6DA342)

Have a look what the booklet for  
Hex(6DA342) contains.

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**Color**

**Hex(6DA342)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DA342
RGB	109, 163, 66
RGB Percent	43%, 64%, 26%
CMY	0.5725, 0.3608, 0.7412
CMYK	0.33, 0.00, 0.60, 0.36
HSL	93°, 42%, 45%
HSV	93°, 60%, 64%
XYZ	20.3872, 29.8389, 9.8392
YIQ	135.7960, -1.0470, -41.6150

# Conversions

## Conversions Part 2

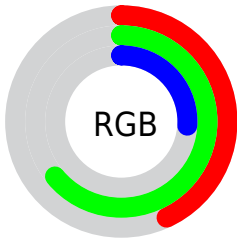
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 163, 120
Decimal	7185218
CIELab	61.52, -34.81, 43.90
CIELCh	62, 56.027, 128.417
Yxy	29.8389, 0.3394, 0.4968
Android (android.graphics.Color)	4285375298 (0xFF6DA342)
YUV	135.7960, -34.4094, -23.5001
Hunter-Lab	54.6250, -28.9738, 27.5580

# Details

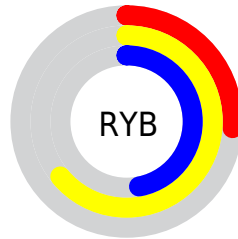
The Hex color **6DA342** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7842A3**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A3DA75**, and **386F0C** is the 20% darker color. If you saturate the color by 10%, you get **64A332**, and if you desaturate by 10%, it is **76A352**.

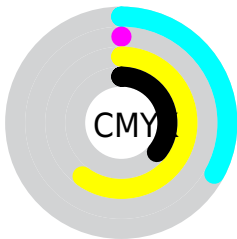
# Distribution



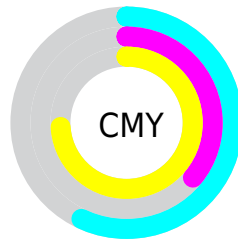
- Red (43%)
- Green (64%)
- Blue (26%)



- Red (26%)
- Yellow (64%)
- Blue (47%)



- Cyan (33%)
- Magenta (0%)
- Yellow (60%)
- Black (36%)



- Cyan (57%)
- Magenta (36%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DA342 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 6DA342 by changing the saturation by 10% instead.





6DA342



6DA342

FFFFFF



528829



A3DA75



386F0C



C0F790



1C5600



DCFFAB



003E00



F9FFC7



002800



FFFFE3



000A00



000000



6DA342



6DA342



64A332



76A352

 5BA321

 7FA363

 52A311

 88A373

 49A301

 91A383

 48A300

 9AA394

 A3A3A4

 ADA3B4

 B6A3C4

 BFA3D5

# Harmonies

## Analogous

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



A29729



6DA342



00AA6E

# Triad

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



6DA342



00A4F0



EF6788

# Complementary

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



6DA342



7842A3

# 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.



DB6EBA



6DA342



4B95F7

# Square

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



6DA342



00ABD1



A982E3



E87259

# Rectangle

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



6DA342



00AC90



A982E3



EC6799



# Sweetspot

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



6DA342



BED4AE



A37742



5E6B54



EBEBEB



6B6B6B



# Same Dimension

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



6DA342



80D43D



42A347



4D5249



409100



081200



# Inverse Universe

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



7842A3



913DD4



A3429E



4E4952



510091



0A0012



# Previews

## White Background



This preview shows how the Hex color 6DA342 looks on a white background.

## Color Contrast Check

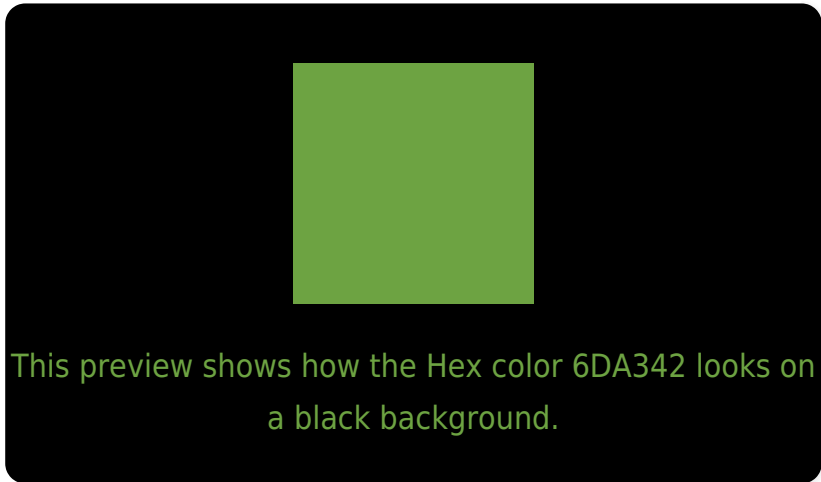
Large Text (above 18pt) WCAG AA ✓ Pass

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 6DA342 Background



This preview shows how black text looks on a background with the Hex color 6DA342.

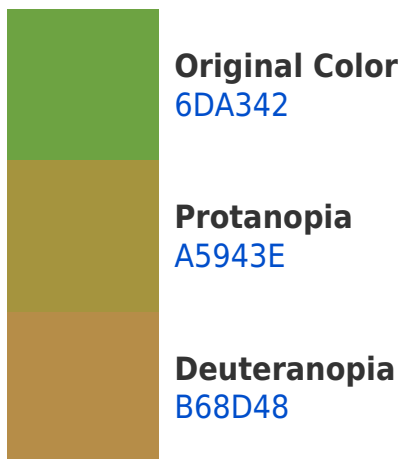


This preview shows how white text looks on a background with the Hex color 6DA342.

# 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](#).

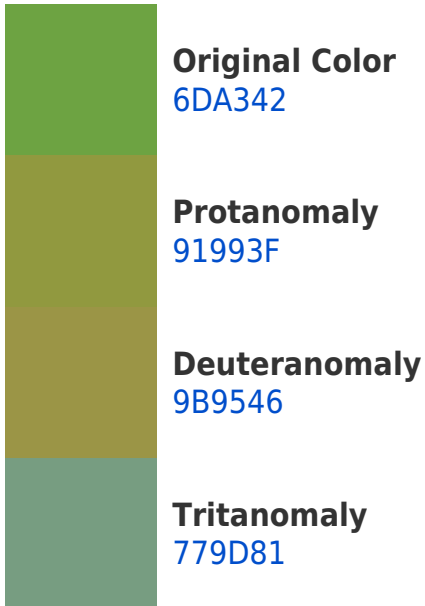
## Dichromacy



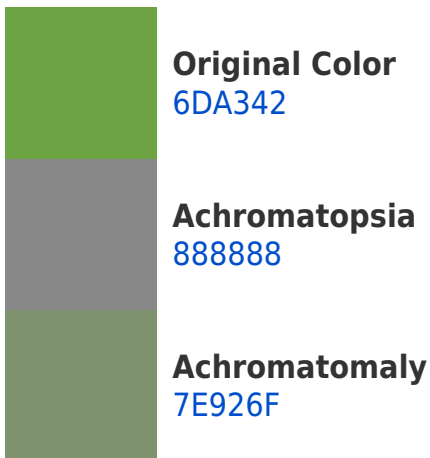


**Tritanopia**  
7C99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DA342 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 #6DA342 looks like.

```
.text, #text, p{  
    color:#6DA342  
}
```

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 #6DA342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA342
}
```

## Border

The CSS property to change the border of an element to Hex 6DA342 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
#6DA342 }
```

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

```
.border{ border-color:#6DA342 }
```

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

Here you see how a box with a 4 pixel #6DA342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA342; -webkit-box-shadow:4px 4px  
4px 4px #6DA342; box-shadow:4px 4px 4px  
4px #6DA342 }
```

# Background

The CSS property to change the background color of an element to Hex 6DA342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA342 }
```

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

```
.background{ background-color:#6DA342 }
```

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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