

# Converting Colors

Hex(6DA533)

Have a look what the booklet for  
Hex(6DA533) contains.

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**Color**

**Hex(6DA533)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 6DA533                     |
| RGB           | 109, 165, 51               |
| RGB Percent   | 43%, 65%, 20%              |
| CMY           | 0.5725, 0.3529, 0.8000     |
| CMYK          | 0.34, 0.00, 0.69, 0.35     |
| HSL           | 89°, 53%, 42%              |
| HSV           | 89°, 69%, 65%              |
| XYZ           | 20.3593, 30.4005, 7.9268   |
| YIQ           | 135.2600, 3.2180, -47.3260 |

# Conversions

## Conversions Part 2

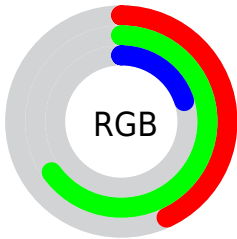
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 51, 165, 107                    |
| Decimal                             | 7185715                         |
| CIELab                              | 62.00, -37.03, 50.97            |
| CIELCh                              | 62, 63.003, 126.002             |
| Yxy                                 | 30.4005, 0.3469,<br>0.5180      |
| Android<br>(android.graphics.Color) | 4285375795<br>(0xFF6DA533)      |
| YUV                                 | 135.2600, -41.5402,<br>-23.0300 |
| Hunter-Lab                          | 55.1366, -30.5775,<br>30.0717   |

# Details

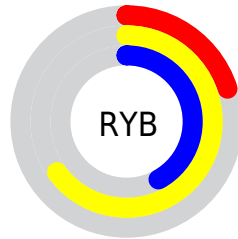
The Hex color **6DA533** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6B33A5**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A4DC68**, and **377100** is the 20% darker color. If you saturate the color by 10%, you get **65A523**, and if you desaturate by 10%, it is **75A543**.

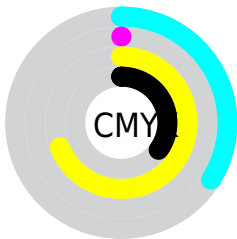
# Distribution



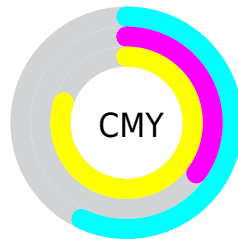
- Red (43%)
- Green (65%)
- Blue (20%)



- Red (20%)
- Yellow (65%)
- Blue (42%)



- Cyan (34%)
- Magenta (0%)
- Yellow (69%)
- Black (35%)



- Cyan (57%)
- Magenta (35%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DA533 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 6DA533 by changing the saturation by 10% instead.





6DA533



6DA533

FFFFFF



528A16



A4DC68



377100



C0F982



1A5800



Ddff9E



004000



Fbffb9



002A00



FFFFD6



000D00



FFFFF3



000000



6DA533



6DA533



65A523



75A543

■ 5DA512

■ 7DA554

■ 55A501

■ 85A565

■ 54A500

■ 8DA575

■ 96A585

■ 9EA596

■ A6A5A6

■ AEA5B7

■ B6A5C7

# Harmonies

## Analogous

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



A89713



6DA533



00AD66

# Triad

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



6DA533



00A8FC



FA5F8D

# Complementary

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



6DA533



6B33A5

# 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.



E26AC4



6DA533



1099FF

# Square

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



6DA533



00AFD6



A682F1



F36B57

# Rectangle

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



6DA533



00B08C



A682F1



F560A0



# Sweetspot

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



6DA533



C0D6A9



A56A33



5E6B50



EBEBEB



6B6B6B



# Same Dimension

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



6DA533



7FD624



35A533



4E5249



4A9100



091200



# Inverse Universe

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



6B33A5



7C24D6



A333A5



4D4952



470091



090012



# Previews

## White Background



This preview shows how the Hex color 6DA533 looks on a white background.

## Color Contrast Check

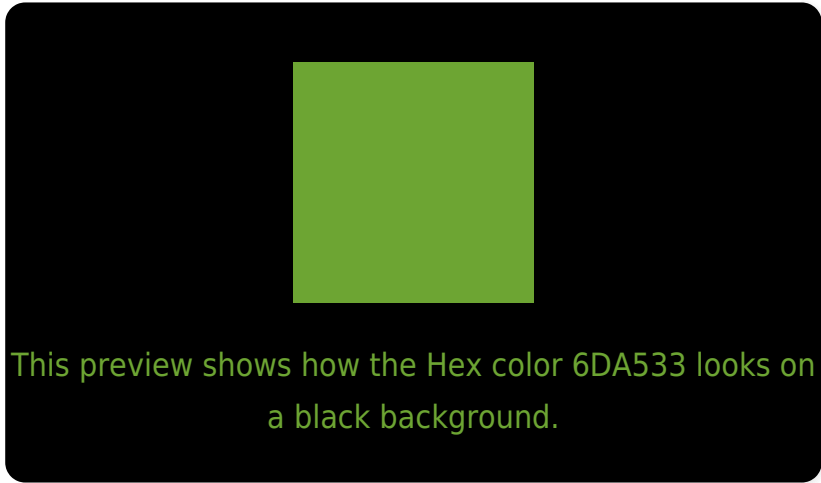
Large Text (above 18pt) WCAG AA × Fail

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 6DA533 Background



This preview shows how black text looks on a background with the Hex color 6DA533.

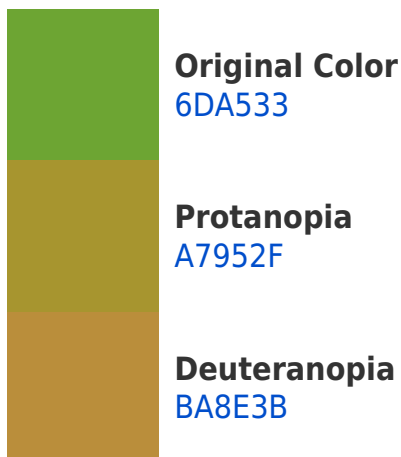


This preview shows how white text looks on a background with the Hex color 6DA533.

# 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](#).

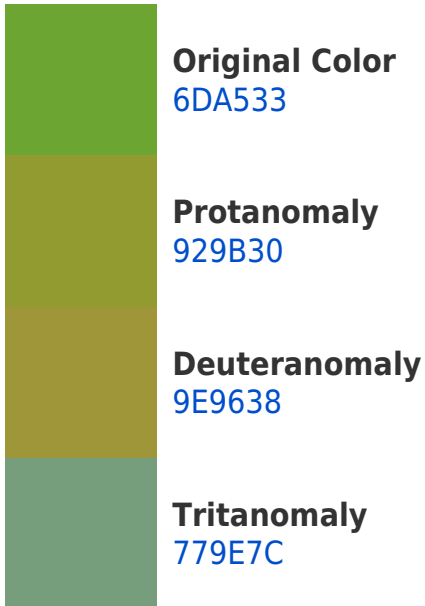
## Dichromacy



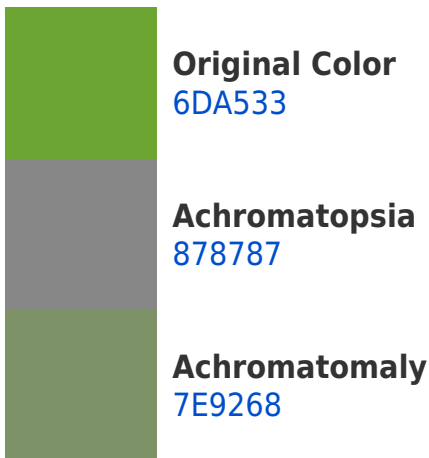


**Tritanopia**  
7D9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DA533 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 #6DA533 looks like.

```
.text, #text, p{  
    color:#6DA533  
}
```

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 #6DA533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA533
}
```

## Border

The CSS property to change the border of an element to Hex 6DA533 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
#6DA533 }
```

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

```
.border{ border-color:#6DA533 }
```

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

Here you see how a box with a 4 pixel #6DA533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA533; -webkit-box-shadow:4px 4px  
4px 4px #6DA533; box-shadow:4px 4px 4px  
4px #6DA533 }
```

# Background

The CSS property to change the background color of an element to Hex 6DA533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA533 }
```

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

```
.background{ background-color:#6DA533 }
```

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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