

# Converting Colors

Hex(6E8345)

Have a look what the booklet for  
Hex(6E8345) contains.

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**Color**

**Hex(6E8345)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E8345
RGB	110, 131, 69
RGB Percent	43%, 51%, 27%
CMY	0.5686, 0.4863, 0.7294
CMYK	0.16, 0.00, 0.47, 0.49
HSL	80°, 31%, 39%
HSV	80°, 47%, 51%
XYZ	15.6209, 19.9773, 8.6629
YIQ	117.6530, 7.3860, -23.7340

# Conversions

## Conversions Part 2

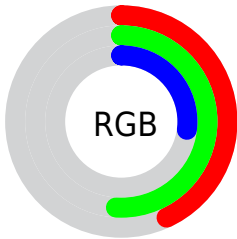
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 131, 90
Decimal	7242565
CIELab	51.81, -18.41, 30.90
CIELCh	52, 35.967, 120.791
Yxy	19.9773, 0.3529, 0.4514
Android (android.graphics.Color)	4285432645 (0xFF6E8345)
YUV	117.6530, -23.9859, -6.7117
Hunter-Lab	44.6959, -15.8335, 19.7956

# Details

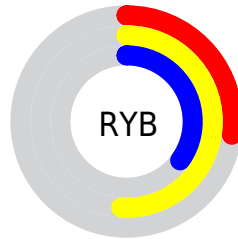
The Hex color **6E8345** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5A4583**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A3B877**, and **3D5216** is the 20% darker color. If you saturate the color by 10%, you get **6A8338**, and if you desaturate by 10%, it is **728352**.

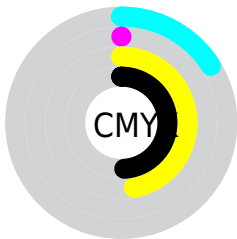
# Distribution



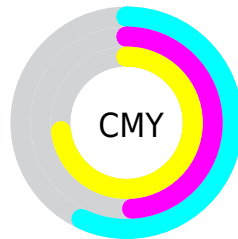
- Red (43%)
- Green (51%)
- Blue (27%)



- Red (27%)
- Yellow (51%)
- Blue (35%)



- Cyan (16%)
- Magenta (0%)
- Yellow (47%)
- Black (49%)



- Cyan (57%)
- Magenta (49%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E8345 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 6E8345 by changing the saturation by 10% instead.





6E8345



6E8345

FFFFFF



556A2D



A3B877



3D5216



BED491



253A00



DAF0AB



0E2500



F7FFC7



000C00



FFFFE3



000000



6E8345



6E8345



6A8338



728352



65832B



77835F

61831E

7B836C

5C8311

808379

588304

848387

578300

898394

8D83A1

9183AE

9683BB

# Harmonies

## Analogous

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



8E7A3D



6E8345



48895C

# Triad

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



6E8345



0087B1



B4627C

# Complementary

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



6E8345



5A4583

# 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.



A2689A



6E8345



4A7EB9

# Square

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



6E8345



008B9A



7F73B0



B5655E

# Rectangle

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



6E8345



238B71



7F73B0



B06386



# Sweetspot

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



6E8345



A3AB93



835A45



525748



D6D6D6



575757



# Same Dimension

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



6E8345



8AAB49



4F8345



40423C



568200



020300



# Inverse Universe

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



5A4583



6A49AB



794583



3E3C42



2C0082



010003



# Previews

## White Background



This preview shows how the Hex color 6E8345 looks on a white background.

## Color Contrast Check

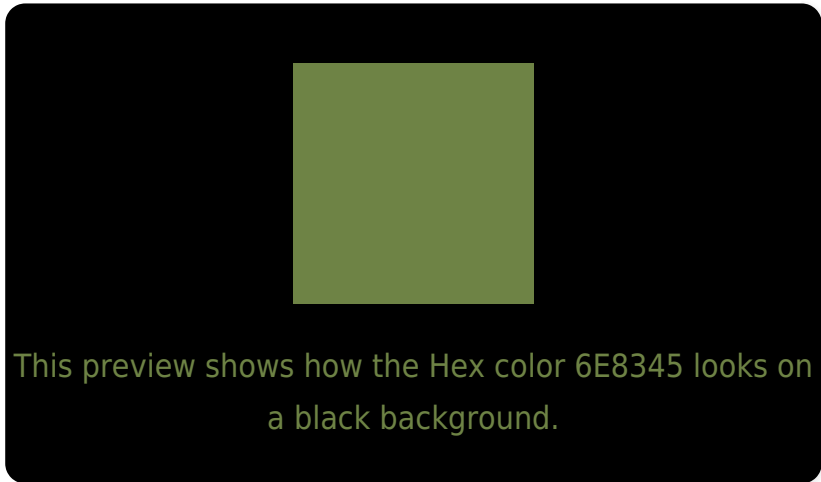
Large Text (above 18pt) WCAG AA ✓ Pass

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

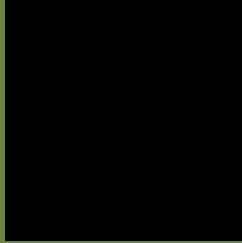
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E8345 Background



This preview shows how black text looks on a background with the Hex color 6E8345.

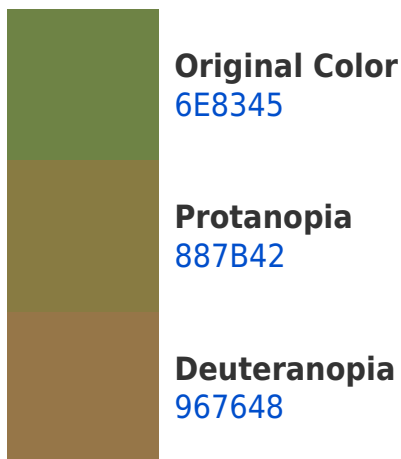


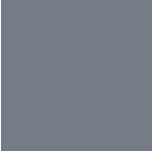
This preview shows how white text looks on a background with the Hex color 6E8345.

# 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**  
767C86

# Trichromacy



**Original Color**  
6E8345

**Protanomaly**  
7F7E43

**Deuteranomaly**  
877B47

**Tritanomaly**  
737F6E

# Monochromacy



**Original Color**  
6E8345

**Achromatopsia**  
767676

**Achromatomaly**  
737B64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E8345 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 #6E8345 looks like.

```
.text, #text, p{  
    color:#6E8345  
}
```

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 #6E8345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8345
}
```

## Border

The CSS property to change the border of an element to Hex 6E8345 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
#6E8345 }
```

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

```
.border{ border-color:#6E8345 }
```

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

Here you see how a box with a 4 pixel #6E8345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8345; -webkit-box-shadow:4px 4px  
4px 4px #6E8345; box-shadow:4px 4px 4px  
4px #6E8345 }
```

# Background

The CSS property to change the background color of an element to Hex 6E8345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8345 }
```

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

```
.background{ background-color:#6E8345 }
```

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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