

# Converting Colors

Hex(6EAE36)

Have a look what the booklet for  
Hex(6EAE36) contains.

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**Color**

**Hex(6EAE36)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EAE36
RGB	110, 174, 54
RGB Percent	43%, 68%, 21%
CMY	0.5686, 0.3176, 0.7882
CMYK	0.37, 0.00, 0.69, 0.32
HSL	92°, 53%, 45%
HSV	92°, 69%, 68%
XYZ	22.2323, 33.8534, 8.8526
YIQ	141.1840, 0.3760, -50.8880

# Conversions

## Conversions Part 2

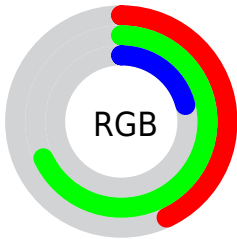
Format	Color
<a href="#">RYB</a>	<a href="#">54, 174, 118</a>
Decimal	<a href="#">7253558</a>
CIELab	<a href="#">64.85, -40.40, 52.75</a>
CIELCh	<a href="#">65, 66.442, 127.451</a>
Yxy	<a href="#">33.8534, 0.3424, 0.5213</a>
Android (android.graphics.Color)	<a href="#">4285443638</a> (0xFF6EAE36)
YUV	<a href="#">141.1840, -42.9817, -27.3484</a>
Hunter-Lab	<a href="#">58.1837, -33.6157, 31.7076</a>

# Details

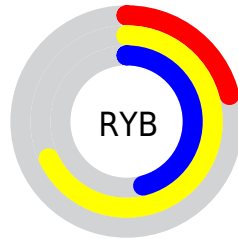
The Hex color **6EAE36** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7636AE**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A6E66B**, and **377900** is the 20% darker color. If you saturate the color by 10%, you get **65AE25**, and if you desaturate by 10%, it is **77AE47**.

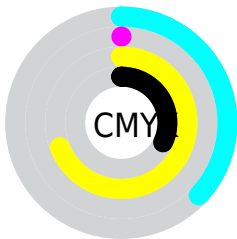
# Distribution



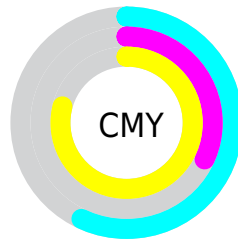
- Red (43%)
- Green (68%)
- Blue (21%)



- Red (21%)
- Yellow (68%)
- Blue (46%)



- Cyan (37%)
- Magenta (0%)
- Yellow (69%)
- Black (32%)



- Cyan (57%)
- Magenta (32%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EAE36 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 6EAE36 by changing the saturation by 10% instead.





6EAE36



6EAE36

FFFFFF



539319



A6E66B



377900



C2FF86



176000



DFFFA1



004700



FDFFB D



003000



FFFFDA



001A00



FFFFF7



000000



6EAE36



6EAE36



65AE25



77AE47

■ 5BAE13

■ 81AE59

■ 52AE02

■ 8AAE6A

■ 51AE00

■ 93AE7C

■ 9CAE8D

■ A6AE9E

■ AFAEB0

■ B8AEC1

■ C2AED3

# Harmonies

## Analogous

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



AD9F0F



6EAE36



00B66D

# Triad

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



6EAE36



00B0FF



FF6391

# Complementary

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



6EAE36



7636AE

# 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.



F06DCC



6EAE36



209FFF

# Square

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



6EAE36



00B8E4



B287FC



FF7158

# Rectangle

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



6EAE36



00B996



B287FC



FF63A5



# Sweetspot

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



6EAE36



CAE3B3



AE7636



637356



F2F2F2



737373



# Same Dimension

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



6EAE36



7EE327



36AE3A



52574E



469600



0B1700



# Inverse Universe

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



7636AE



8B27E3



AE36AA



534E57



500096



0C0017



# Previews

## White Background



This preview shows how the Hex color 6EAE36 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 6EAE36 Background



This preview shows how black text looks on a background with the Hex color 6EAE36.

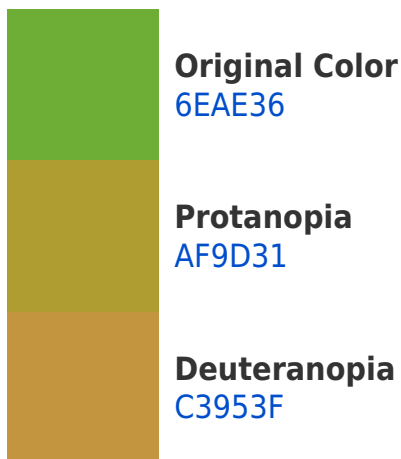


This preview shows how white text looks on a background with the Hex color 6EAE36.

# 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**  
7FA3B0

# Trichromacy



**Original Color**  
6EAE36



**Protanomaly**  
97A333



**Deuteranomaly**  
A49E3C



**Tritanomaly**  
79A784

# Monochromacy



**Original Color**  
6EAE36



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
82996D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EAE36 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 #6EAE36 looks like.

```
.text, #text, p{  
    color:#6EAE36  
}
```

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 #6EAE36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EAE36
}
```

## Border

The CSS property to change the border of an element to Hex 6EAE36 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".

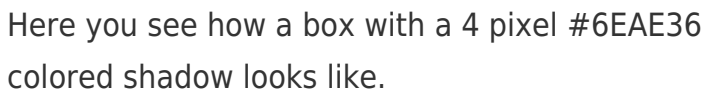
```
.border, #border, table{ border:4px solid
#6EAE36 }
```

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

```
.border{ border-color:#6EAE36 }
```

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

Here you see how a box with a 4 pixel #6EAE36 colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6EAE36 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EAE36; -webkit-box-shadow:4px 4px  
4px 4px #6EAE36; box-shadow:4px 4px 4px  
4px #6EAE36 }
```

# Background

The CSS property to change the background color of an element to Hex 6EAE36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EAE36 }
```

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

```
.background{ background-color:#6EAE36 }
```

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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