

# Converting Colors

Hex(6EAE32)

Have a look what the booklet for  
Hex(6EAE32) contains.

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# Color

Hex(6EAE32)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6EAE32
RGB	110, 174, 50
RGB Percent	43%, 68%, 20%
CMY	0.5686, 0.3176, 0.8039
CMYK	0.37, 0.00, 0.71, 0.32
HSL	91°, 55%, 44%
HSV	91°, 71%, 68%
XYZ	22.1422, 33.8174, 8.3780
YIQ	140.7280, 1.6600, -52.1320

# Conversions

## Conversions Part 2

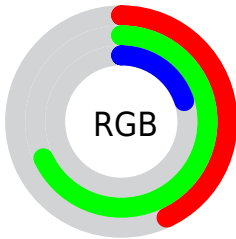
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 174, 114
Decimal	7253554
CIELab	64.82, -40.70, 54.27
CIELCh	65, 67.837, 126.863
Yxy	33.8174, 0.3442, 0.5256
Android (android.graphics.Color)	4285443634 (0xFF6EAE32)
YUV	140.7280, -44.7289, -26.9485
Hunter-Lab	58.1527, -33.8017, 32.1651

# Details

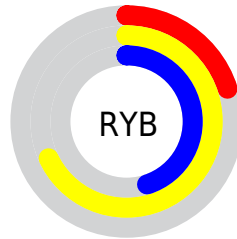
The Hex color **6EAE32** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7232AE**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A6E668**, and **367900** is the 20% darker color. If you saturate the color by 10%, you get **65AE21**, and if you desaturate by 10%, it is **77AE43**.

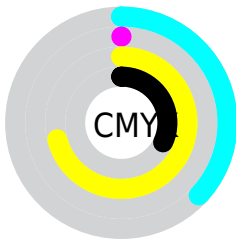
# Distribution



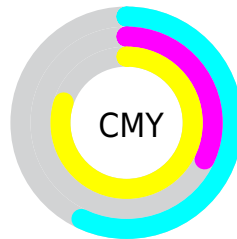
- Red (43%)
- Green (68%)
- Blue (20%)



- Red (20%)
- Yellow (68%)
- Blue (45%)



- Cyan (37%)
- Magenta (0%)
- Yellow (71%)
- Black (32%)



- Cyan (57%)
- Magenta (32%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EAE32 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 6EAE32 by changing the saturation by 10% instead.





6EAE32



6EAE32

FFFFFF



529313



A6E668



367900



C2FF83



176000



DFFF9E



004700



FDFFB8



003000



FFFFD6



001900



FFFFF4



000000



6EAE32



6EAE32



65AE21



77AE43

■ 5CAE0F

■ 80AE55

■ 54AE00

■ 89AE66

■ 92AE78

■ 9BAE89

■ A4AE9A

■ ADAEAC

■ B6AEBD

■ BFAECF

# Harmonies

## Analogous

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



AE9F05



6EAE32



00B66B

# Triad

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



6EAE32



00B0FF



FF6092

# Complementary

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



6EAE32



7232AE

# 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.



F16CCE



6EAE32



00A0FF

# Square

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



6EAE32



00B8E5



B187FF



FF6F58

# Rectangle

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



6EAE32



00B995



B187FF



FF61A6



# Sweetspot

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



6EAE32



CAE3B3



AE7032



647356



F2F2F2



737373



# Same Dimension

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



6EAE32



7EE320



32AE32



52574E



499600



0B1700



# Inverse Universe

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



7232AE



8520E3



AE32AE



534E57



4E0096



0C0017



# Previews

## White Background



This preview shows how the Hex color 6EAE32 looks on a white background.

## Color Contrast Check

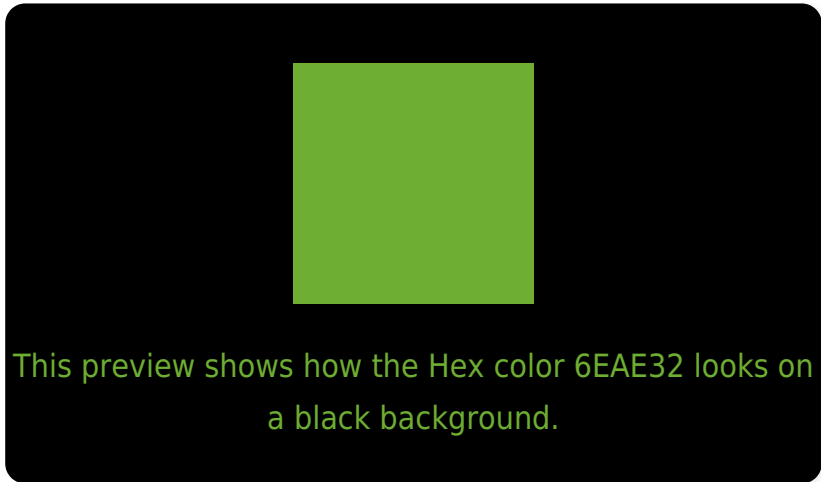
Large Text (above 18pt) WCAG AA × Fail

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 6EAE32 Background



This preview shows how black text looks on a background with the Hex color 6EAE32.

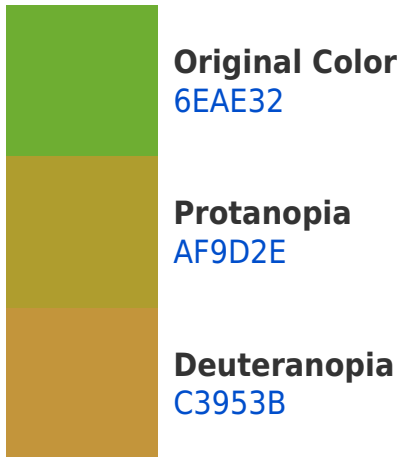


This preview shows how white text looks on a background with the Hex color 6EAE32.

# 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**  
80A2AF

# Trichromacy



**Original Color**  
6EAE32



**Protanomaly**  
97A32F



**Deuteranomaly**  
A49E38

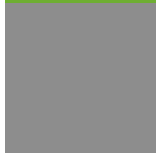


**Tritanomaly**  
79A682

# Monochromacy



**Original Color**  
6EAE32



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
82996C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EAE32 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 #6EAE32 looks like.

```
.text, #text, p{  
    color:#6EAE32  
}
```

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 #6EAE32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EAE32
}
```

## Border

The CSS property to change the border of an element to Hex 6EAE32 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
#6EAE32 }
```

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

```
.border{ border-color:#6EAE32 }
```

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

Here you see how a box with a 4 pixel #6EAE32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EAE32; -webkit-box-shadow:4px 4px  
4px 4px #6EAE32; box-shadow:4px 4px 4px  
4px #6EAE32 }
```

# Background

The CSS property to change the background color of an element to Hex 6EAE32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EAE32 }
```

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

```
.background{ background-color:#6EAE32 }
```

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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