

# Converting Colors

Hex(6BAE36)

Have a look what the booklet for  
Hex(6BAE36) contains.

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**Color**

**Hex(6BAE36)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BAE36
RGB	107, 174, 54
RGB Percent	42%, 68%, 21%
CMY	0.5804, 0.3176, 0.7882
CMYK	0.39, 0.00, 0.69, 0.32
HSL	94°, 53%, 45%
HSV	94°, 69%, 68%
XYZ	21.8653, 33.6642, 8.8355
YIQ	140.2870, -1.4120, -51.5240

# Conversions

## Conversions Part 2

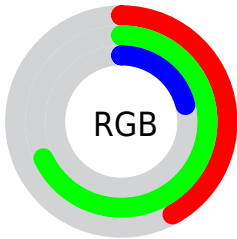
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 174, 121
Decimal	7056950
CIELab	64.70, -41.46, 52.54
CIELCh	65, 66.928, 128.274
Yxy	33.6642, 0.3397, 0.5230
Android (android.graphics.Color)	4285247030 (0xFF6BAE36)
YUV	140.2870, -42.5395, -29.1927
Hunter-Lab	58.0209, -34.2684, 31.5859

# Details

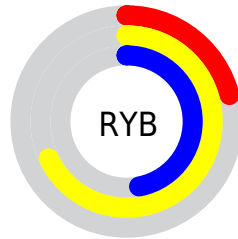
The Hex color **6BAE36** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7936AE**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A3E66B**, and **337900** is the 20% darker color. If you saturate the color by 10%, you get **61AE25**, and if you desaturate by 10%, it is **75AE47**.

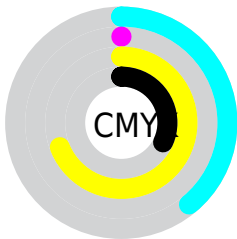
# Distribution



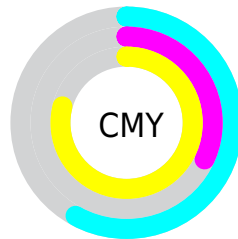
- Red (42%)
- Green (68%)
- Blue (21%)



- Red (21%)
- Yellow (68%)
- Blue (47%)



- Cyan (39%)
- Magenta (0%)
- Yellow (69%)
- Black (32%)



- Cyan (58%)
- Magenta (32%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BAE36 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 6BAE36 by changing the saturation by 10% instead.





6BAE36



6BAE36

FFFFFF



4F9319



A3E66B



337900



BFFF86



126000



DCFFA1



004700



FAFFBD



003000



FFFFDA



001900



FFFFF7



000000



6BAE36



6BAE36



61AE25



75AE47

■ 58AE13

■ 7EAE59

■ 4EAE02

■ 88AE6A

■ 4DAE00

■ 92AE7C

■ 9CAE8D

■ A5AE9E

■ AFAEB0

■ B9AEC1

■ C2AED3

# Harmonies

## Analogous

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



AB9F0B



6BAE36



00B66E

# Triad

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



6BAE36



00AFFF



FF618F

# Complementary

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



6BAE36



7936AE

# 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.



F16CCB



6BAE36



279EFF

# Square

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



6BAE36



00B7E6



B486FC



FF7156

# Rectangle

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



6BAE36



00B997



B486FC



FF62A3



# Sweetspot

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



6BAE36



C8E3B3



AE7836



637356



F2F2F2



737373



# Same Dimension

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



6BAE36



7AE327



36AE3C



52574E



429600



0A1700



# Inverse Universe

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



7936AE



9027E3



AE36A8



534E57



540096



0D0017



# Previews

## White Background



This preview shows how the Hex color 6BAE36 looks on a white background.

## Color Contrast Check

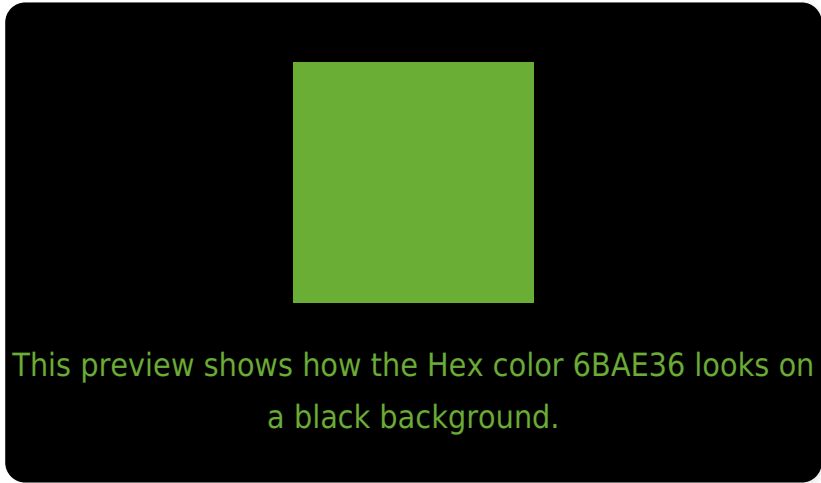
Large Text (above 18pt) WCAG AA × Fail

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 6BAE36 Background



This preview shows how black text looks on a background with the Hex color 6BAE36.



This preview shows how white text looks on a background with the Hex color 6BAE36.

# 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



**Original Color**  
6BAE36

**Protanopia**  
AF9C31

**Deuteranopia**  
C2943F



**Tritanopia**  
7DA3B0

# Trichromacy



**Original Color**  
6BAE36



**Protanomaly**  
96A333



**Deuteranomaly**  
A29D3C



**Tritanomaly**  
76A784

# Monochromacy



**Original Color**  
6BAE36



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
80986D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BAE36 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 #6BAE36 looks like.

```
.text, #text, p{  
    color:#6BAE36  
}
```

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 #6BAE36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAE36
}
```

## Border

The CSS property to change the border of an element to Hex 6BAE36 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".

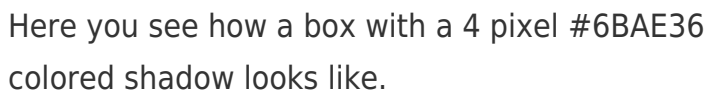
```
.border, #border, table{ border:4px solid
#6BAE36 }
```

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

```
.border{ border-color:#6BAE36 }
```

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

Here you see how a box with a 4 pixel #6BAE36 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAE36; -webkit-box-shadow:4px 4px  
4px 4px #6BAE36; box-shadow:4px 4px 4px  
4px #6BAE36 }
```

# Background

The CSS property to change the background color of an element to Hex 6BAE36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAE36 }
```

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

```
.background{ background-color:#6BAE36 }
```

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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