

Converting Colors

Hex(6B9E35)

Have a look what the booklet for
Hex(6B9E35) contains.

Hex(6B9E35)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B9E35)

Conversions

Conversions Part 1

Format	Color
Hex	6B9E35
RGB	107, 158, 53
RGB Percent	42%, 62%, 21%
CMY	0.5804, 0.3804, 0.7922
CMYK	0.32, 0.00, 0.66, 0.38
HSL	89°, 50%, 41%
HSV	89°, 66%, 62%
XYZ	18.9329, 27.8366, 7.7433
YIQ	130.7810, 3.3090, -43.4670

Conversions

Conversions Part 2

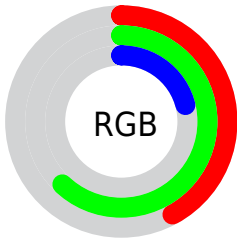
Format	Color
RYB	53, 158, 104
Decimal	7052853
CIELab	59.74, -34.46, 47.73
CIElCh	60, 58.867, 125.831
Yxy	27.8366, 0.3473, 0.5106
Android (android.graphics.Color)	4285242933 (0xFF6B9E35)
YUV	130.7810, -38.3460, -20.8559
Hunter-Lab	52.7604, -28.2766, 28.2307

Details

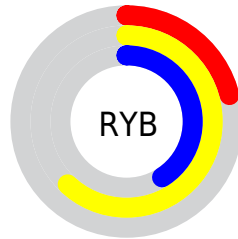
The Hex color **6B9E35** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **68359E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A2D569**, and **366A00** is the 20% darker color. If you saturate the color by 10%, you get **639E25**, and if you desaturate by 10%, it is **739E45**.

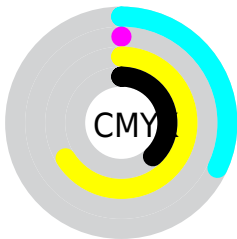
Distribution



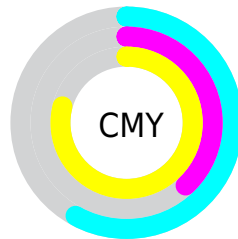
- Red (42%)
- Green (62%)
- Blue (21%)



- Red (21%)
- Yellow (62%)
- Blue (41%)



- Cyan (32%)
- Magenta (0%)
- Yellow (66%)
- Black (38%)



- Cyan (58%)
- Magenta (38%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B9E35 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 6B9E35 by changing the saturation by 10% instead.



6B9E35



6B9E35

FFFFFF



50841A



A2D569



366A00



BEF183



1A5200



DAFF9E



003A00



F8FFBA



002500



FFFFD6



000000



FFFFF3



6B9E35



6B9E35



639E25



739E45

■ 5C9E15

■ 7A9E55

■ 549E06

■ 829E64

■ 519E00

■ 8A9E74

■ 919E84

■ 999E94

■ A19EA4

■ A89EB3

■ B09EC3

Harmonies

Analogous

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



A1911B



6B9E35



00A663

Triad

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



6B9E35



00A0EE



ED5E88

Complementary

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



6B9E35



68359E

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.



D668BB



6B9E35



2593F7

Square

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



6B9E35



00A7CB



9F7EE4



E76956

Rectangle

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



6B9E35



00A887



9F7EE4



E95F99

Sweetspot

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



6B9E35



BACFA5



9E6835



5C694F



E8E8E8



696969

Same Dimension

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



6B9E35



7ECF29



379E35



4B4F47



498F00



080F00

Inverse Universe

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



68359E



7A29CF



9C359E



4B474F



45008F



07000F

Previews

White Background



This preview shows how the Hex color 6B9E35 looks on a white background.

Color Contrast Check

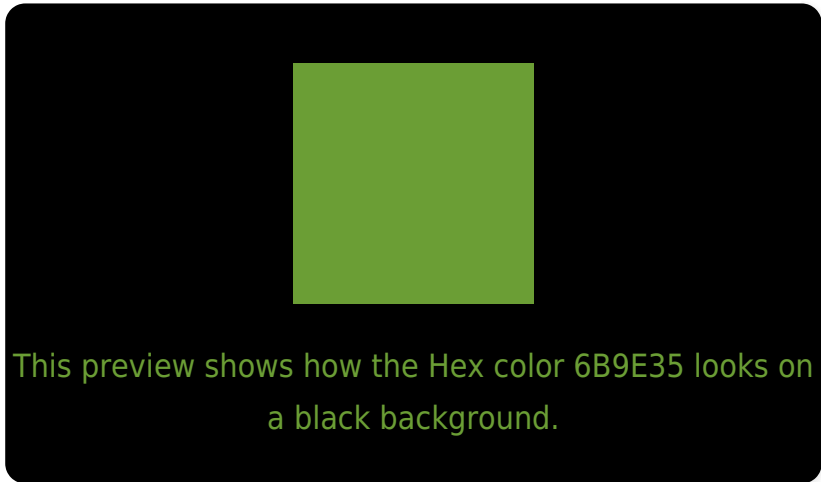
Large Text (above 18pt) WCAG AA ✓ Pass

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

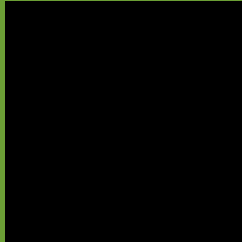
Any Text WCAG AA ✓ Pass

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 6B9E35 Background



This preview shows how black text looks on a background with the Hex color 6B9E35.



This preview shows how white text looks on a background with the Hex color 6B9E35.

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
6B9E35

Protanopia
A09031

Deuteranopia
B2883C

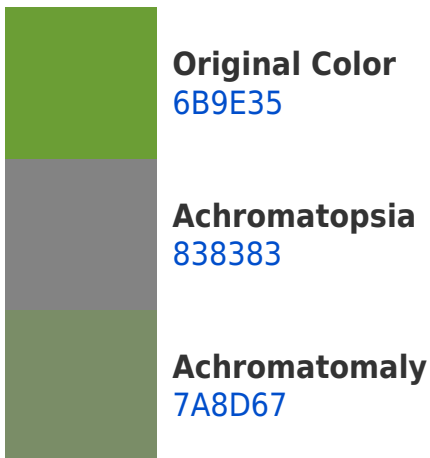


Tritanopia
7A94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B9E35 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 #6B9E35 looks like.

```
.text, #text, p{  
    color:#6B9E35  
}
```

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 #6B9E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9E35
}
```

Border

The CSS property to change the border of an element to Hex 6B9E35 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
#6B9E35 }
```

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

```
.border{ border-color:#6B9E35 }
```

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

Here you see how a box with a 4 pixel #6B9E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9E35; -webkit-box-shadow:4px 4px  
4px 4px #6B9E35; box-shadow:4px 4px 4px  
4px #6B9E35 }
```

Background

The CSS property to change the background color of an element to Hex 6B9E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9E35 }
```

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

```
.background{ background-color:#6B9E35 }
```

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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