

Converting Colors

Hex(6AB36E)

Have a look what the booklet for
Hex(6AB36E) contains.

Hex(6AB36E)	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(6AB36E)

Conversions

Conversions Part 1

Format	Color
Hex	6AB36E
RGB	106, 179, 110
RGB Percent	42%, 70%, 43%
CMY	0.5843, 0.2980, 0.5686
CMYK	0.41, 0.00, 0.39, 0.30
HSL	123°, 32%, 56%
HSV	123°, 41%, 70%
XYZ	24.8784, 36.4302, 20.4723
YIQ	149.3070, -21.3590, -36.9350

Conversions

Conversions Part 2

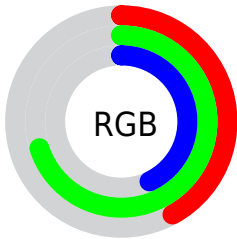
Format	Color
RYB	106, 175, 179
Decimal	6992750
CIELab	66.85, -37.26, 28.26
CIElCh	67, 46.767, 142.820
Yxy	36.4302, 0.3042, 0.4455
Android (android.graphics.Color)	4285182830 (0xFF6AB36E)
YUV	149.3070, -19.3784, -37.9802
Hunter-Lab	60.3574, -32.0504, 22.1399

Details

The Hex color **6AB36E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B36AAF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A0EBA2**, and **347E3D** is the 20% darker color. If you saturate the color by 10%, you get **58B35D**, and if you desaturate by 10%, it is **7CB37F**.

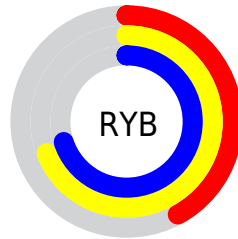
Distribution



Red (42%)

Green (70%)

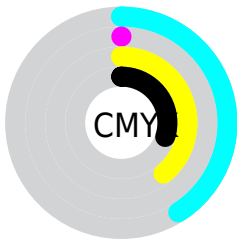
Blue (43%)



Red (42%)

Yellow (69%)

Blue (70%)

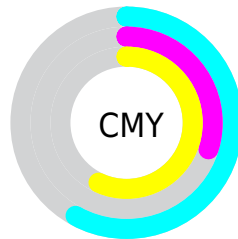


Cyan (41%)

Magenta (0%)

Yellow (39%)

Black (30%)



Cyan (58%)

Magenta (30%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AB36E 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 6AB36E by changing the saturation by 10% instead.



6AB36E



6AB36E

FFFFFF



4F9855



A0EBA2



347E3D



BCFFBE



166426



D9FFDA



004C0F



F6FFF6



003400



002000



000000



6AB36E



6AB36E



58B35D



7CB37F

 46B34C


 8EB390

 34B33B

 A0B3A1

 22B32A

 B2B3B2

 11B319

 C4B3C3

 00B30A

 D5B3D4

 E7B3E4

 F9B3F5

 FFB3FF

Harmonies

Analogous

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



9CAA52



6AB36E



0EB897

Triad

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



6AB36E



3EAAF6



F28284

Complementary

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



6AB36E



B36AAF

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.



EC81AF



6AB36E



969CF0

Square

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



6AB36E



00B4E5



CD8BD6



E38D61

Rectangle

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



6AB36E



00B8B4



CD8BD6



F28092

Sweetspot

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



6AB36E



CCE8CE



AFB36A



657566



F5F5F5



757575

Same Dimension

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



6AB36E



76E87D



6AB392



505951



009908



001A01

Inverse Universe

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



B36AAF



E876E2



B36A8B



595059



990091



1A0018

Previews

White Background



This preview shows how the Hex color 6AB36E looks on a white background.

Color Contrast Check

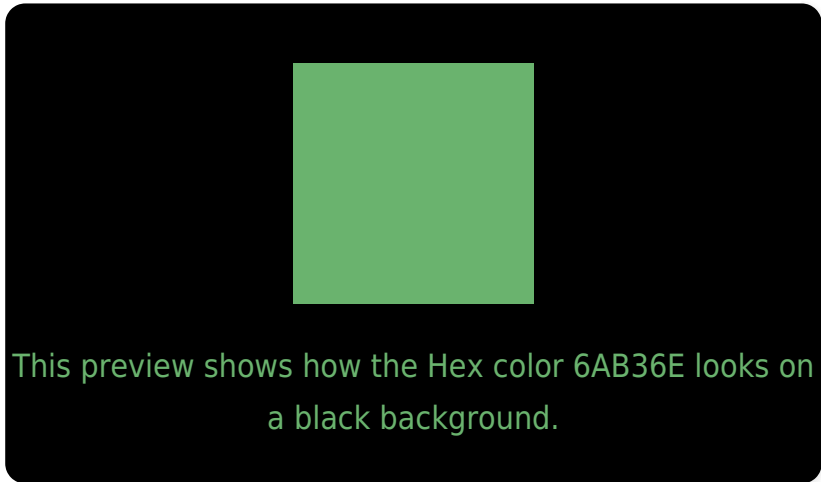
Large Text (above 18pt) WCAG AA × Fail

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 6AB36E Background



This preview shows how black text looks on a background with the Hex color 6AB36E.

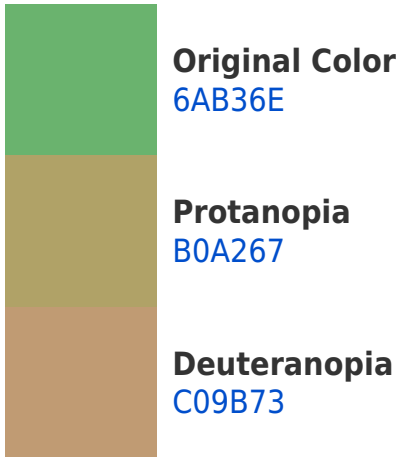


This preview shows how white text looks on a background with the Hex color 6AB36E.

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](#).

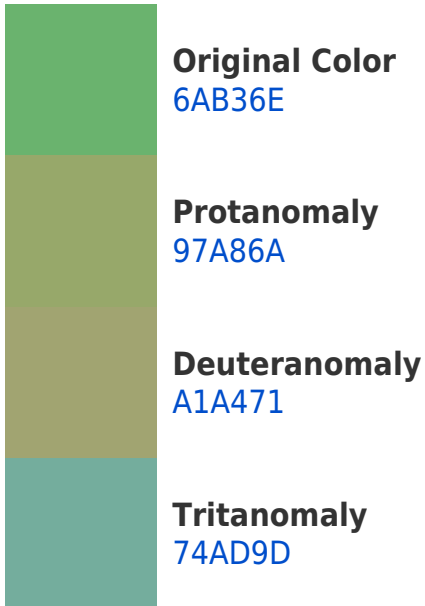
Dichromacy



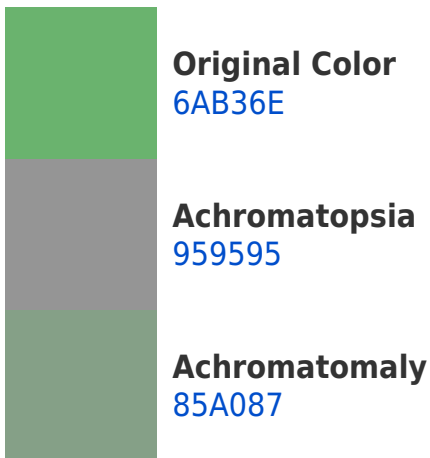


Tritanopia
79AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AB36E 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 #6AB36E looks like.

```
.text, #text, p{  
    color:#6AB36E  
}
```

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 #6AB36E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB36E
}
```

Border

The CSS property to change the border of an element to Hex 6AB36E 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
#6AB36E }
```

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

```
.border{ border-color:#6AB36E }
```

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

Here you see how a box with a 4 pixel #6AB36E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB36E; -webkit-box-shadow:4px 4px  
4px 4px #6AB36E; box-shadow:4px 4px 4px  
4px #6AB36E }
```

Background

The CSS property to change the background color of an element to Hex 6AB36E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB36E }
```

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

```
.background{ background-color:#6AB36E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor