

Converting Colors

Hex(6DA37B)

Have a look what the booklet for
Hex(6DA37B) contains.

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Color

Hex(6DA37B)

Conversions

Conversions Part 1

Format	Color
Hex	6DA37B
RGB	109, 163, 123
RGB Percent	43%, 64%, 48%
CMY	0.5725, 0.3608, 0.5176
CMYK	0.33, 0.00, 0.25, 0.36
HSL	136°, 23%, 53%
HSV	136°, 33%, 64%
XYZ	22.9790, 30.8757, 23.4874
YIQ	142.2940, -19.3440, -23.8880

Conversions

Conversions Part 2

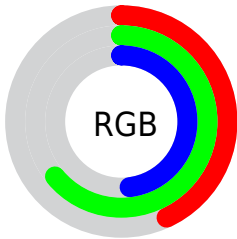
Format	Color
RYB	109, 152, 163
Decimal	7185275
CIELab	62.40, -26.46, 15.23
CIELCh	62, 30.529, 150.075
Yxy	30.8757, 0.2971, 0.3992
Android (android.graphics.Color)	4285375355 (0xFF6DA37B)
YUV	142.2940, -9.5119, -29.1988
Hunter-Lab	55.5659, -23.4224, 13.8346

Details

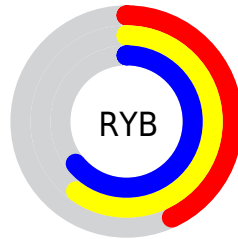
The Hex color **6DA37B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A36D95**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A2DAB0**, and **3B6F4A** is the 20% darker color. If you saturate the color by 10%, you get **5DA36F**, and if you desaturate by 10%, it is **7DA387**.

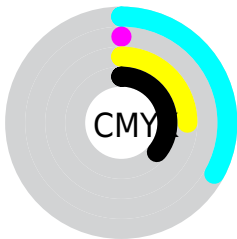
Distribution



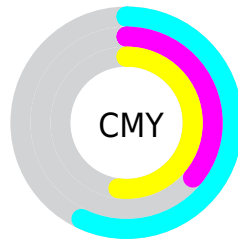
- Red (43%)
- Green (64%)
- Blue (48%)



- Red (43%)
- Yellow (60%)
- Blue (64%)



- Cyan (33%)
- Magenta (0%)
- Yellow (25%)
- Black (36%)



- Cyan (57%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA37B 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 6DA37B by changing the saturation by 10% instead.



6DA37B



6DA37B

FFFFFF



548962



A2DAB0



3B6F4A



BEF7CB



225633



DAFFE7



053F1E



F7FFFF



002806



001000



000000



6DA37B



6DA37B



5DA36F



7DA387

 4CA363

 8EA393

 3CA357

 9EA39F

 2CA34B

 AEA3AB

 1CA33F

 BFA3B7

 0BA333

 CFA3C3

 00A32A

 DFA3D0

 EFA3DC

 FFA3E8

Harmonies

Analogous

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



8D9D67



6DA37B



4DA696

Triad

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



6DA37B



7299CD



CB847D

Complementary

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



6DA37B



A36D95

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.



CA8298



6DA37B



9A90C6

Square

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



6DA37B



49A1C5



B987B2



BF8C69

Rectangle

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



6DA37B



3CA5A8



B987B2



CD8386

Sweetspot

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



6DA37B



BED4C4



96A36D



5E6B62



EBEBEB



6B6B6B

Same Dimension

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



6DA37B



7FD495



6DA396



49524C



009126



001205

Inverse Universe

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



A36D95



D47FBE



A36D7A



52494F



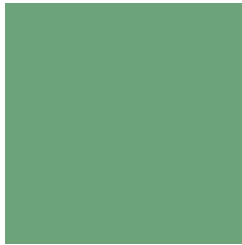
91006C



12000D

Previews

White Background



This preview shows how the Hex color 6DA37B looks on a white background.

Color Contrast Check

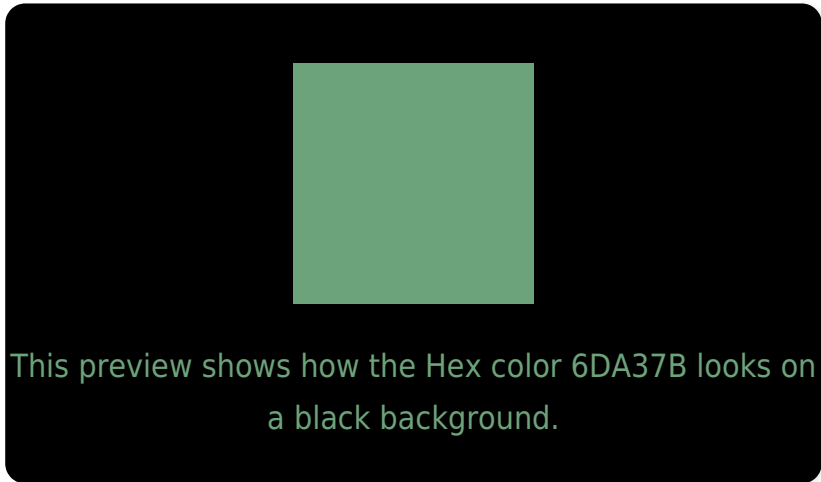
Large Text (above 18pt) WCAG AA × Fail

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

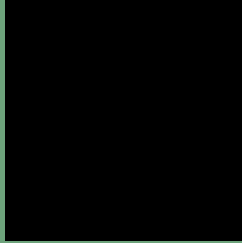
Any Text WCAG AA ✓ Pass

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 6DA37B Background



This preview shows how black text looks on a background with the Hex color 6DA37B.



This preview shows how white text looks on a background with the Hex color 6DA37B.

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
6DA37B

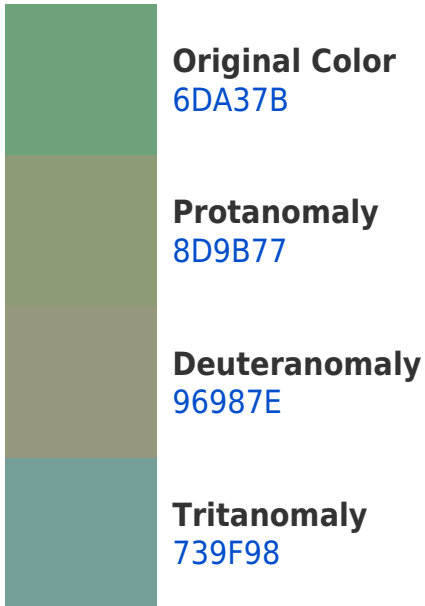
Protanopia
A09675

Deuteranopia
AD917F

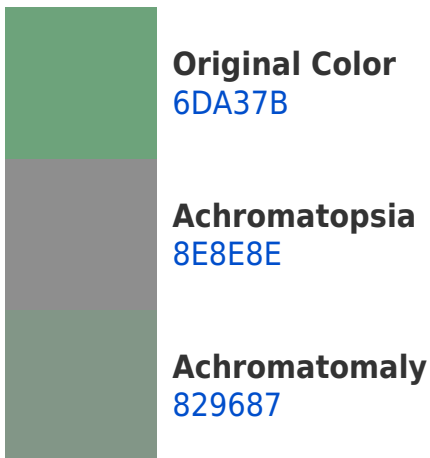


Tritanopia
769DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA37B 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 #6DA37B looks like.

```
.text, #text, p{  
    color:#6DA37B  
}
```

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 #6DA37B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA37B
}
```

Border

The CSS property to change the border of an element to Hex 6DA37B 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
#6DA37B }
```

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

```
.border{ border-color:#6DA37B }
```

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

Here you see how a box with a 4 pixel #6DA37B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA37B; -webkit-box-shadow:4px 4px  
4px 4px #6DA37B; box-shadow:4px 4px 4px  
4px #6DA37B }
```

Background

The CSS property to change the background color of an element to Hex 6DA37B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA37B }
```

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

```
.background{ background-color:#6DA37B }
```

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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