

Converting Colors

Hex(6AAC57)

Have a look what the booklet for
Hex(6AAC57) contains.

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Color

Hex(6AAC57)

Conversions

Conversions Part 1

Format	Color
Hex	6AAC57
RGB	106, 172, 87
RGB Percent	42%, 67%, 34%
CMY	0.5843, 0.3255, 0.6588
CMYK	0.38, 0.00, 0.49, 0.33
HSL	107°, 34%, 51%
HSV	107°, 49%, 67%
XYZ	22.4167, 33.2573, 14.2547
YIQ	142.5760, -12.0510, -40.4270

Conversions

Conversions Part 2

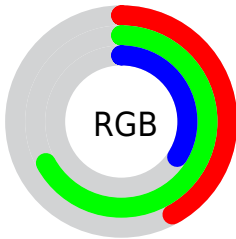
Format	Color
RYB	87, 172, 153
Decimal	6990935
CIELab	64.37, -37.50, 37.01
CIELCh	64, 52.687, 135.371
Yxy	33.2573, 0.3206, 0.4756
Android (android.graphics.Color)	4285181015 (0xFF6AAC57)
YUV	142.5760, -27.3990, -32.0772
Hunter-Lab	57.6692, -31.5360, 25.7131

Details

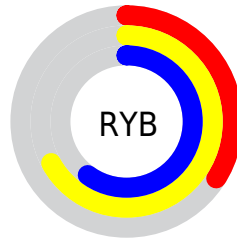
The Hex color **6AAC57** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9957AC**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A0E48A**, and **357726** is the 20% darker color. If you saturate the color by 10%, you get **5DAC46**, and if you desaturate by 10%, it is **77AC68**.

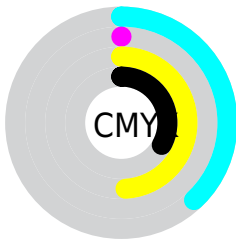
Distribution



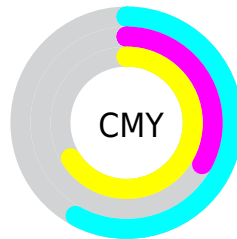
- Red (42%)
- Green (67%)
- Blue (34%)



- Red (34%)
- Yellow (67%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (49%)
- Black (33%)



- Cyan (58%)
- Magenta (33%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AAC57 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 6AAC57 by changing the saturation by 10% instead.

 6AAC57

 6AAC57

FFFFFF

 4F913E

 A0E48A

 357726

 BCFFA5

 175E0C

 D9FFC1

 004600

 F6FFDD

 002F00

 FFFFFA

 001800

 000000

 6AAC57

 6AAC57

 5DAC46

 77AC68

 4FAC35

 85AC79

 42AC23

 92AC8B

 35AC12

 9FAC9C

 27AC01

 ADACAD

 26AC00

 BAACBE

 C7ACCF

 D5ACE1

 E2ACF2

Harmonies

Analogous

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



9FA13C



6AAC57



00B283

Triad

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



6AAC57



00A8F7



F47386

Complementary

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



6AAC57



9957AC

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.



E776B5



6AAC57



7699F7

Square

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



6AAC57



00B0DE



BE86DF



E8805B

Rectangle

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



6AAC57



00B3A3



BE86DF



F27295

Sweetspot

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



6AAC57



C6E0BF



AC9857



61705C



F0F0F0



707070

Same Dimension

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



6AAC57



7AE05C



57AC6E



50574E



229600



051700

Inverse Universe

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



9957AC



C35CE0



AC5795



554E57



750096



120017

Previews

White Background



This preview shows how the Hex color 6AAC57 looks on a white background.

Color Contrast Check

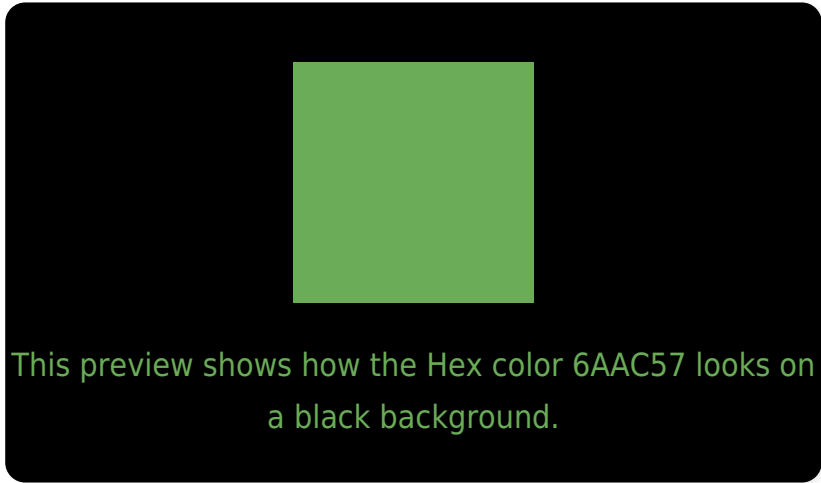
Large Text (above 18pt) WCAG AA × Fail

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 6AAC57 Background



This preview shows how black text looks on a background with the Hex color 6AAC57.



This preview shows how white text looks on a background with the Hex color 6AAC57.

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
6AAC57

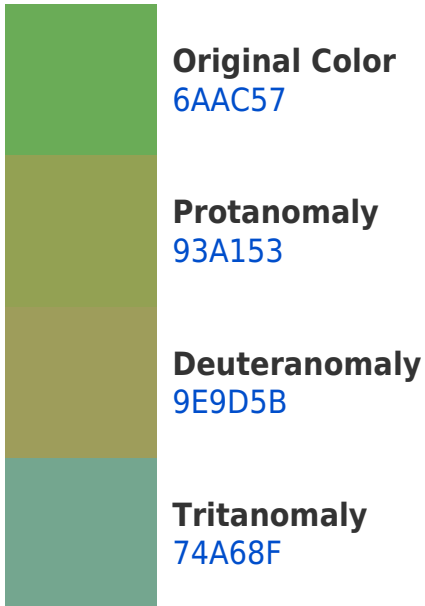
Protanopia
AB9B51

Deuteranopia
BC945D

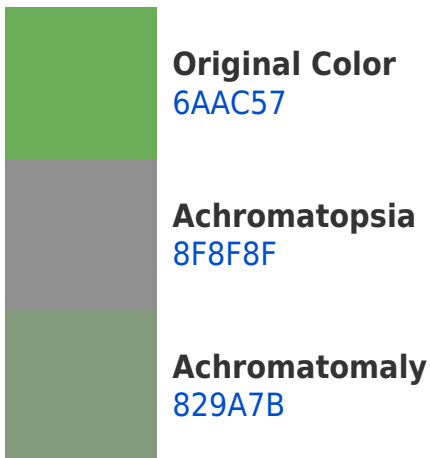


Tritanopia
7AA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AAC57 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 #6AAC57 looks like.

```
.text, #text, p{  
    color:#6AAC57  
}
```

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 #6AAC57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAC57
}
```

Border

The CSS property to change the border of an element to Hex 6AAC57 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
#6AAC57 }
```

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

```
.border{ border-color:#6AAC57 }
```

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

Here you see how a box with a 4 pixel #6AAC57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAC57; -webkit-box-shadow:4px 4px  
4px 4px #6AAC57; box-shadow:4px 4px 4px  
4px #6AAC57 }
```

Background

The CSS property to change the background color of an element to Hex 6AAC57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAC57 }
```

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

```
.background{ background-color:#6AAC57 }
```

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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