

Converting Colors

Hex(6AAB53)

Have a look what the booklet for
Hex(6AAB53) contains.

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Color

Hex(6AAB53)

Conversions

Conversions Part 1

Format	Color
Hex	6AAB53
RGB	106, 171, 83
RGB Percent	42%, 67%, 33%
CMY	0.5843, 0.3294, 0.6745
CMYK	0.38, 0.00, 0.51, 0.33
HSL	104°, 35%, 50%
HSV	104°, 51%, 67%
XYZ	22.0681, 32.8145, 13.3543
YIQ	141.5330, -10.4920, -41.1480

Conversions

Conversions Part 2

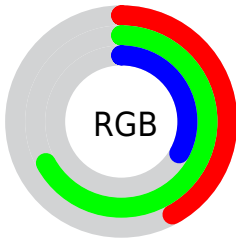
Format	Color
RYB	83, 171, 148
Decimal	6990675
CIELab	64.01, -37.56, 38.58
CIELCh	64, 53.845, 134.233
Yxy	32.8145, 0.3234, 0.4809
Android (android.graphics.Color)	4285180755 (0xFF6AAB53)
YUV	141.5330, -28.8568, -31.1624
Hunter-Lab	57.2840, -31.4815, 26.2768

Details

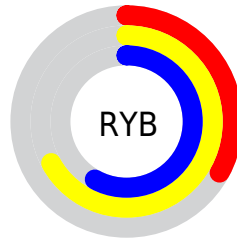
The Hex color **6AAB53** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9453AB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A0E386**, and **357622** is the 20% darker color. If you saturate the color by 10%, you get **5DAB42**, and if you desaturate by 10%, it is **77AB64**.

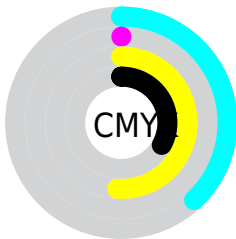
Distribution



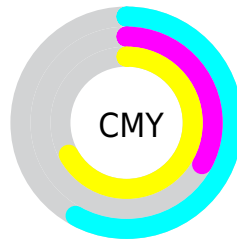
- Red (42%)
- Green (67%)
- Blue (33%)



- Red (33%)
- Yellow (67%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (51%)
- Black (33%)



- Cyan (58%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AAB53 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 6AAB53 by changing the saturation by 10% instead.



6AAB53



6AAB53

FFFFFF



4F903A



A0E386



357622



BCFFA1



175D05



D9FFBD



004500



F6FFD9



002E00



FFFFFF6



001700



000000



6AAB53



6AAB53



5DAB42



77AB64

 51AB31

 83AB75

 44AB20

 90AB86

 37AB0F

 9DAB97

 2DAB00

 A9ABA8

 B6ABBA

 C2ABCB

 CFABDC

 DCABED

Harmonies

Analogous

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



A0A038



6AAB53



00B17F

Triad

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



6AAB53



00A7F7



F47186

Complementary

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



6AAB53



9453AB

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.



E674B6



6AAB53



7098F8

Square

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



6AAB53



00B0DD



BC85E0



E97D5A

Rectangle

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



6AAB53



00B3A1



BC85E0



F37096

Sweetspot

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



6AAB53



C5DEBD



AB9453



61705C



F0F0F0



707070

Same Dimension

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



6AAB53



78DE54



53AB68



50574E



279600



061700

Inverse Universe

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



9453AB



BA54DE



AB5396



544E57



6F0096



110017

Previews

White Background



This preview shows how the Hex color 6AAB53 looks on a white background.

Color Contrast Check

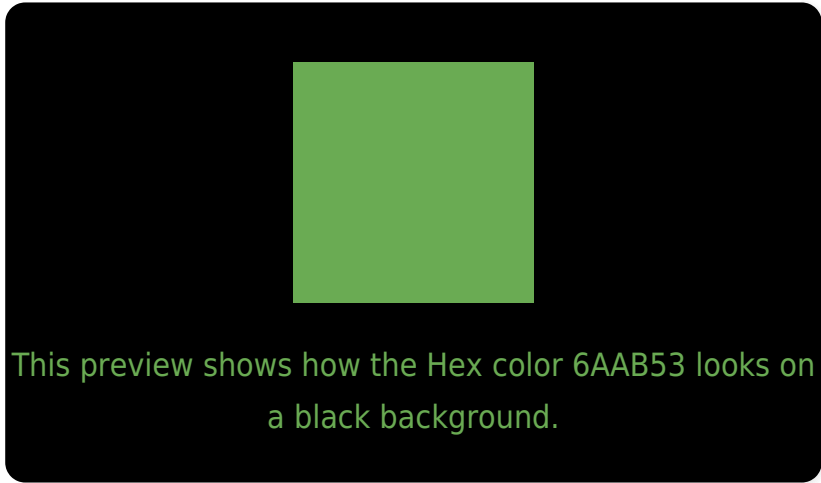
Large Text (above 18pt) WCAG AA × Fail

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 6AAB53 Background



This preview shows how black text looks on a background with the Hex color 6AAB53.



This preview shows how white text looks on a background with the Hex color 6AAB53.

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
6AAB53

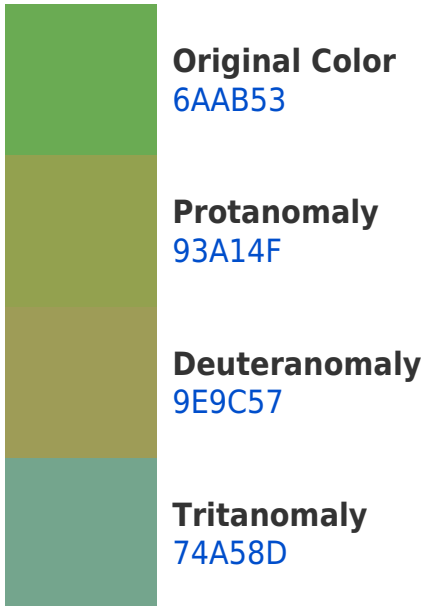
Protanopia
AB9B4D

Deuteranopia
BC9359

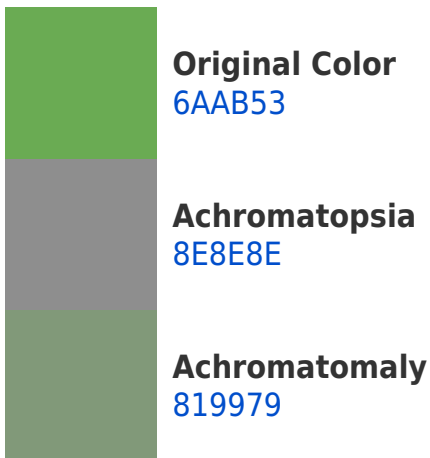


Tritanopia
7AA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AAB53 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 #6AAB53 looks like.

```
.text, #text, p{  
    color:#6AAB53  
}
```

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 #6AAB53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAB53
}
```

Border

The CSS property to change the border of an element to Hex 6AAB53 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
#6AAB53 }
```

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

```
.border{ border-color:#6AAB53 }
```

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

Here you see how a box with a 4 pixel #6AAB53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAB53; -webkit-box-shadow:4px 4px  
4px 4px #6AAB53; box-shadow:4px 4px 4px  
4px #6AAB53 }
```

Background

The CSS property to change the background color of an element to Hex 6AAB53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAB53 }
```

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

```
.background{ background-color:#6AAB53 }
```

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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