

Converting Colors

Hex(6BBB55)

Have a look what the booklet for
Hex(6BBB55) contains.

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Color

Hex(6BBB55)

Conversions

Conversions Part 1

Format	Color
Hex	6BBB55
RGB	107, 187, 85
RGB Percent	42%, 73%, 33%
CMY	0.5804, 0.2667, 0.6667
CMYK	0.43, 0.00, 0.55, 0.27
HSL	107°, 43%, 53%
HSV	107°, 55%, 73%
XYZ	25.4734, 39.3223, 14.8417
YIQ	151.4520, -14.9380, -48.6820

Conversions

Conversions Part 2

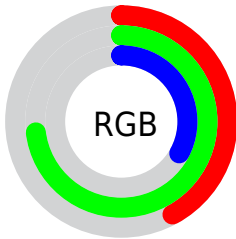
Format	Color
RYB	85, 187, 165
Decimal	7060309
CIELab	68.98, -43.94, 43.60
CIELCh	69, 61.899, 135.227
Yxy	39.3223, 0.3199, 0.4938
Android (android.graphics.Color)	4285250389 (0xFF6BBB55)
YUV	151.4520, -32.7608, -38.9844
Hunter-Lab	62.7075, -37.2268, 29.8624

Details

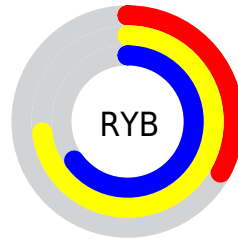
The Hex color **6BBB55** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A555BB**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A3F489**, and **338522** is the 20% darker color. If you saturate the color by 10%, you get **5CBB42**, and if you desaturate by 10%, it is **7ABB68**.

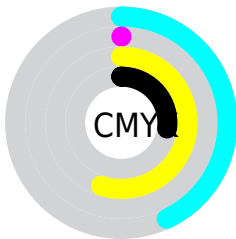
Distribution



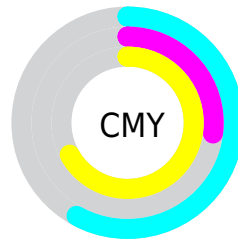
- Red (42%)
- Green (73%)
- Blue (33%)



- Red (33%)
- Yellow (73%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (55%)
- Black (27%)



- Cyan (58%)
- Magenta (27%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BBB55 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 6BBB55 by changing the saturation by 10% instead.

 6BBB55

 6BBB55

FFFFFF

 4FA03C

 A3F489

 338522

 BFFFA4

 0E6B02

 DCFFC0

 005200

 FAFFDC

 003A00

 FFFFF9

 002500

 000000

 6BBB55

 6BBB55

 5CBB42

 7ABB68

 4EBB30

 88BB7A

 3FBB1D

 97BB8D

 30BB0A

 A6BBA0

 28BB00

 B4BBB3

 C3BBC5

 D2BBD8

 E0BBEB

 EFBBFD

Harmonies

Analogous

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



ABAE32



6BBB55



00C28A

Triad

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



6BBB55



00B6FF



FF768E

Complementary

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



6BBB55



A555BB

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.



FF79C6



6BBB55



76A5FF

Square

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



6BBB55



00C0F7



D08DF8



FF855B

Rectangle

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



6BBB55



00C4B1



D08DF8



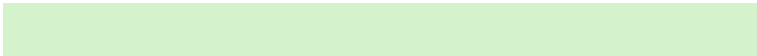
FF74A1

Sweetspot

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



6BBB55



D4F2CB



BBA555



687A63



FAFAFA



7A7A7A

Same Dimension

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



6BBB55



77F255



55BB72



575E55



229E00



071F00

Inverse Universe

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



A555BB



D055F2



BB559E



5C555E



7C009E



18001F

Previews

White Background



This preview shows how the Hex color 6BBB55 looks on a white background.

Color Contrast Check

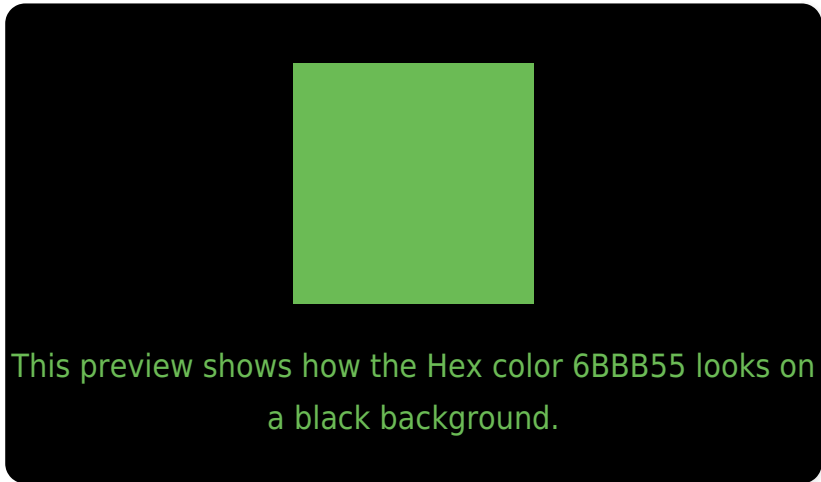
Large Text (above 18pt) WCAG AA × Fail

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 6BBB55 Background



This preview shows how black text looks on a background with the Hex color 6BBB55.

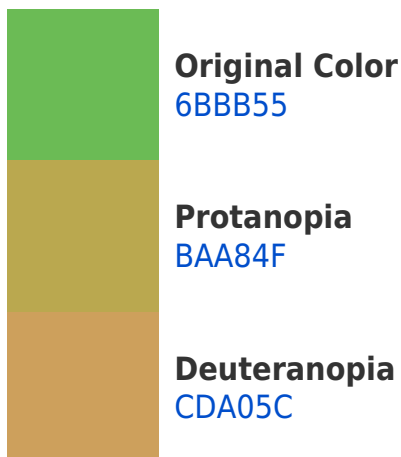


This preview shows how white text looks on a background with the Hex color 6BBB55.

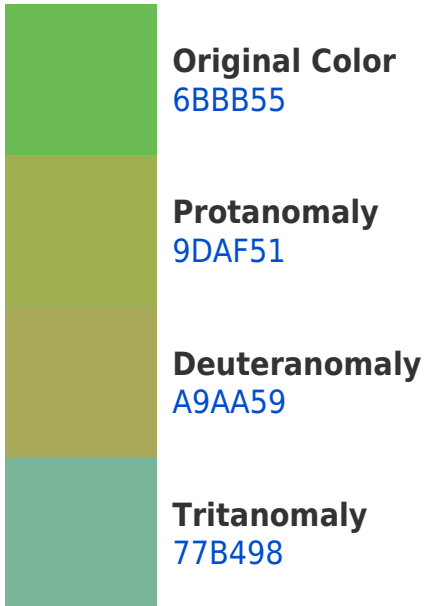
Color Blindness Simulation

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](#).

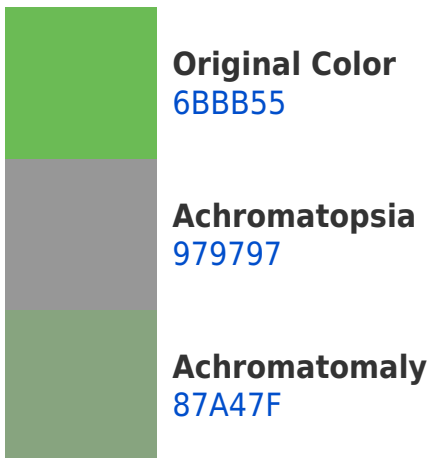
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BBB55 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 #6BBB55 looks like.

```
.text, #text, p{  
    color:#6BBB55  
}
```

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 #6BBB55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBB55
}
```

Border

The CSS property to change the border of an element to Hex 6BBB55 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
#6BBB55 }
```

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

```
.border{ border-color:#6BBB55 }
```

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

Here you see how a box with a 4 pixel #6BBB55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBB55; -webkit-box-shadow:4px 4px  
4px 4px #6BBB55; box-shadow:4px 4px 4px  
4px #6BBB55 }
```

Background

The CSS property to change the background color of an element to Hex 6BBB55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBB55 }
```

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

```
.background{ background-color:#6BBB55 }
```

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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