

Converting Colors

Hex(6BB450)

Have a look what the booklet for
Hex(6BB450) contains.

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Color

Hex(6BB450)

Conversions

Conversions Part 1

Format	Color
Hex	6BB450
RGB	107, 180, 80
RGB Percent	42%, 71%, 31%
CMY	0.5804, 0.2941, 0.6863
CMYK	0.41, 0.00, 0.56, 0.29
HSL	104°, 40%, 51%
HSV	104°, 56%, 71%
XYZ	23.8326, 36.3475, 13.3491
YIQ	146.7730, -11.4080, -46.5760

Conversions

Conversions Part 2

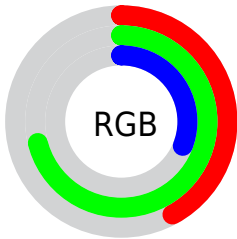
Format	Color
RYB	80, 180, 153
Decimal	7058512
CIELab	66.78, -41.54, 43.38
CIElCh	67, 60.057, 133.759
Yxy	36.3475, 0.3241, 0.4943
Android (android.graphics.Color)	4285248592 (0xFF6BB450)
YUV	146.7730, -32.9191, -34.8809
Hunter-Lab	60.2889, -34.9432, 29.0743

Details

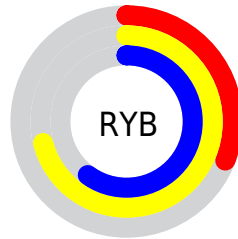
The Hex color **6BB450** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9950B4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A2EC84**, and **347E1D** is the 20% darker color. If you saturate the color by 10%, you get **5EB43E**, and if you desaturate by 10%, it is **78B462**.

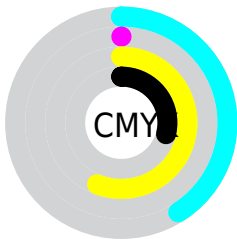
Distribution



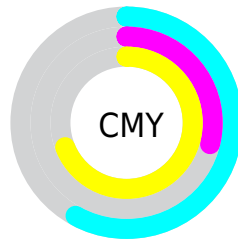
- Red (42%)
- Green (71%)
- Blue (31%)



- Red (31%)
- Yellow (71%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (56%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB450 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 6BB450 by changing the saturation by 10% instead.



6BB450



6BB450

FFFFFF



509937



A2EC84



347E1D



BFFF9F



136500



DBFFBA



004C00



F9FFD7



003500



FFFFFF3



002000



000000



6BB450



6BB450



5EB43E



78B462

 51B42C

 85B474

 44B41A

 92B486

 36B408

 A0B498

 31B400

 ADB4AA

 BAB4BC

 C7B4CE

 D4B4E0

 E1B4F2

Harmonies

Analogous

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



A8A830



6BB450



00BB82

Triad

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



6BB450



00B1FF



FF718C

Complementary

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



6BB450



9950B4

Split Complementary

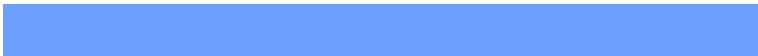
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F676C2



6BB450



6CA0FF

Square

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



6BB450



00BAEC



C68AF1



F9805A

Rectangle

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



6BB450



00BDA8



C68AF1



FF719E

Sweetspot

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



6BB450



CDEBC3



B49850



64755E



F5F5F5



757575

Same Dimension

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



6BB450



78EB4D



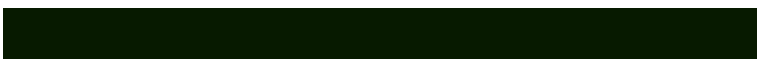
50B466



535950



299900



071A00

Inverse Universe

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



9950B4



C04DEB



B4509E



575059



700099



13001A

Previews

White Background



This preview shows how the Hex color 6BB450 looks on a white background.

Color Contrast Check

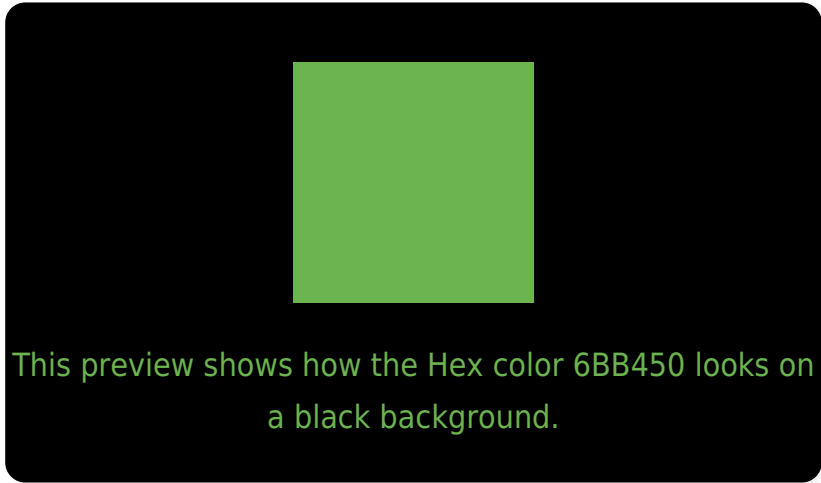
Large Text (above 18pt) WCAG AA × Fail

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 6BB450 Background



This preview shows how black text looks on a background with the Hex color 6BB450.

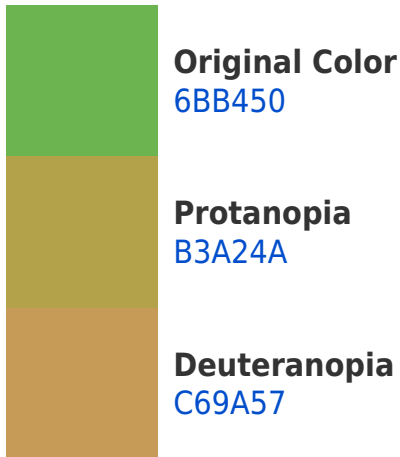


This preview shows how white text looks on a background with the Hex color 6BB450.

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](#).

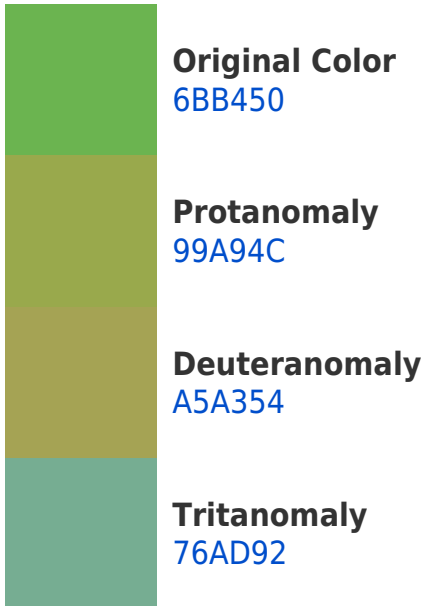
Dichromacy



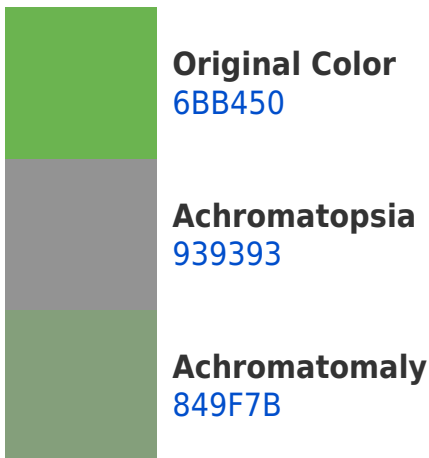


Tritanopia
7DA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB450 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 #6BB450 looks like.

```
.text, #text, p{  
    color:#6BB450  
}
```

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 #6BB450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB450
}
```

Border

The CSS property to change the border of an element to Hex 6BB450 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
#6BB450 }
```

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

```
.border{ border-color:#6BB450 }
```

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

Here you see how a box with a 4 pixel #6BB450 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB450; -webkit-box-shadow:4px 4px  
4px 4px #6BB450; box-shadow:4px 4px 4px  
4px #6BB450 }
```

Background

The CSS property to change the background color of an element to Hex 6BB450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB450 }
```

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

```
.background{ background-color:#6BB450 }
```

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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