

Converting Colors

Hex(6CB954)

Have a look what the booklet for
Hex(6CB954) contains.

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Color

Hex(6CB954)

Conversions

Conversions Part 1

Format	Color
Hex	6CB954
RGB	108, 185, 84
RGB Percent	42%, 73%, 33%
CMY	0.5765, 0.2745, 0.6706
CMYK	0.42, 0.00, 0.55, 0.27
HSL	106°, 42%, 53%
HSV	106°, 55%, 73%
XYZ	25.1335, 38.5262, 14.4991
YIQ	150.4630, -13.4710, -47.7350

Conversions

Conversions Part 2

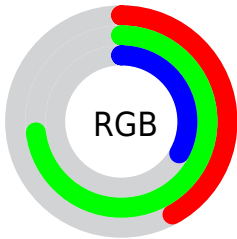
Format	Color
RYB	84, 185, 161
Decimal	7125332
CIELab	68.41, -42.89, 43.40
CIELCh	68, 61.018, 134.665
Yxy	38.5262, 0.3216, 0.4929
Android (android.graphics.Color)	4285315412 (0xFF6CB954)
YUV	150.4630, -32.7663, -37.2401
Hunter-Lab	62.0694, -36.3422, 29.5988

Details

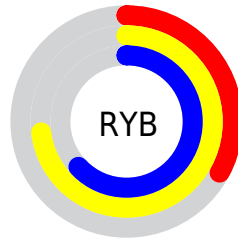
The Hex color **6CB954** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A154B9**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A4F288**, and **348321** is the 20% darker color. If you saturate the color by 10%, you get **5EB942**, and if you desaturate by 10%, it is **7AB967**.

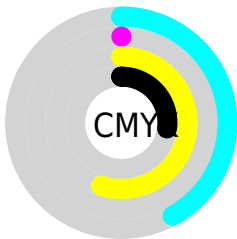
Distribution



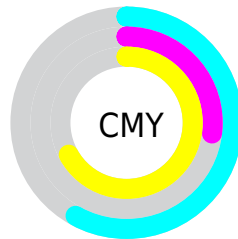
- Red (42%)
- Green (73%)
- Blue (33%)



- Red (33%)
- Yellow (73%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (55%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6CB954 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 6CB954 by changing the saturation by 10% instead.



6CB954



6CB954

FFFFFF



509E3B



A4F288



348321



C0FFA3



126901



D0FFBF



005100



FAFFDB



003900



FFFFFF8



002400



000000



6CB954



6CB954



5EB942



7AB967

 50B92F

 88B979

 42B91D

 96B98C

 34B90A

 A4B99E

 2CB900

 B3B9B1

 C1B9C3

 CFB9D5

 DDB9E8

 EBB9FB

Harmonies

Analogous

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



ABAC32



6CB954



00C088

Triad

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



6CB954



00B5FF



FF758E

Complementary

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



6CB954



A154B9

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.



FD79C5



6CB954



73A4FF

Square

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



6CB954



00BFF3



CD8DF6



FF845B

Rectangle

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



6CB954



00C2AE



CD8DF6



FF74A0

Sweetspot

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



6CB954



D2F0C9



B9A054



667861



F7F7F7



787878

Same Dimension

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



6CB954



77F051



54B96D



555C53



259C00



071C00

Inverse Universe

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



A154B9



CA51F0



B954A0



5A535C



77009C



15001C

Previews

White Background



This preview shows how the Hex color 6CB954 looks on a white background.

Color Contrast Check

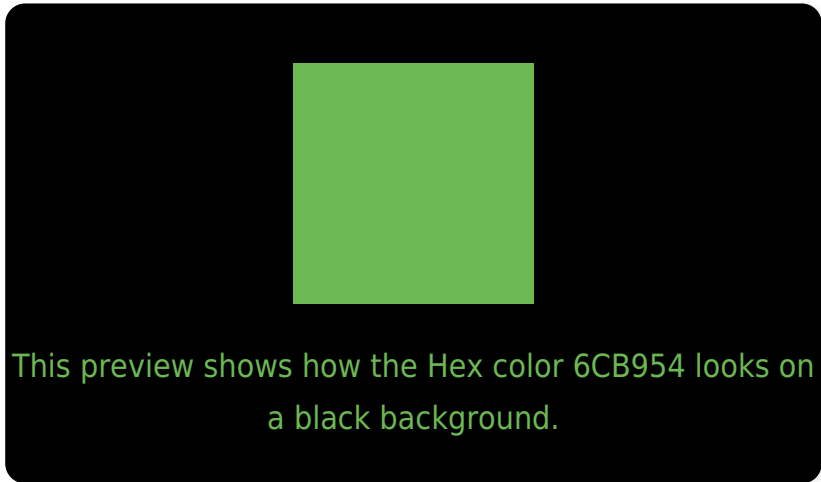
Large Text (above 18pt) WCAG AA × Fail

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 6CB954 Background



This preview shows how black text looks on a background with the Hex color 6CB954.



This preview shows how white text looks on a background with the Hex color 6CB954.

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

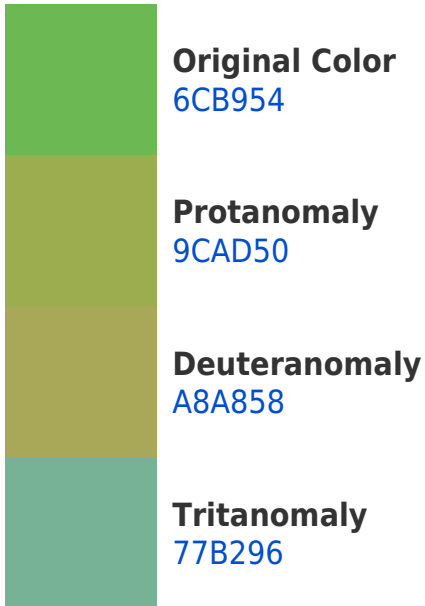


Original Color
6CB954

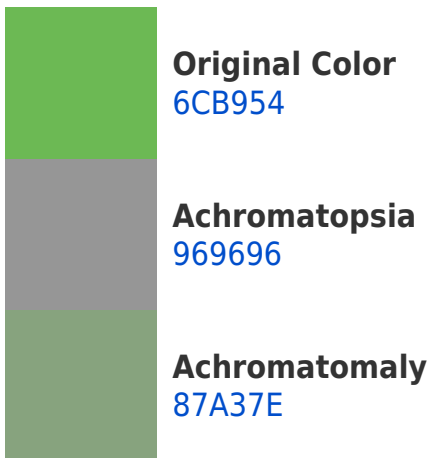
Protanopia
B8A64E

Deuteranopia
CB9E5B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CB954 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 #6CB954 looks like.

```
.text, #text, p{  
    color:#6CB954  
}
```

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 #6CB954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB954
}
```

Border

The CSS property to change the border of an element to Hex 6CB954 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
#6CB954 }
```

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

```
.border{ border-color:#6CB954 }
```

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

Here you see how a box with a 4 pixel #6CB954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB954; -webkit-box-shadow:4px 4px  
4px 4px #6CB954; box-shadow:4px 4px 4px  
4px #6CB954 }
```

Background

The CSS property to change the background color of an element to Hex 6CB954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB954 }
```

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

```
.background{ background-color:#6CB954 }
```

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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