

Converting Colors

Hex(6CB727)

Have a look what the booklet for
Hex(6CB727) contains.

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Color

Hex(6CB727)

Conversions

Conversions Part 1

Format	Color
Hex	6CB727
RGB	108, 183, 39
RGB Percent	42%, 72%, 15%
CMY	0.5765, 0.2824, 0.8471
CMYK	0.41, 0.00, 0.79, 0.28
HSL	91°, 65%, 44%
HSV	91°, 79%, 72%
XYZ	23.4840, 37.2016, 7.8623
YIQ	144.1590, 1.5240, -60.6840

Conversions

Conversions Part 2

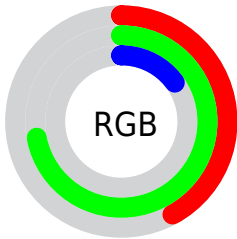
Format	Color
RYB	39, 183, 114
Decimal	7124775
CIELab	67.43, -45.86, 60.56
CIELCh	67, 75.960, 127.134
Yxy	37.2016, 0.3426, 0.5427
Android (android.graphics.Color)	4285314855 (0xFF6CB727)
YUV	144.1590, -51.8434, -31.7114
Hunter-Lab	60.9931, -38.0105, 35.0524

Details

The Hex color **6CB727** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7227B7**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A5F060**, and **318100** is the 20% darker color. If you saturate the color by 10%, you get **62B715**, and if you desaturate by 10%, it is **76B739**.

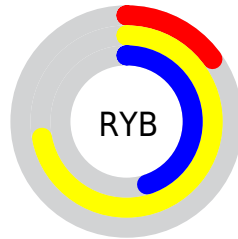
Distribution



Red (42%)

Green (72%)

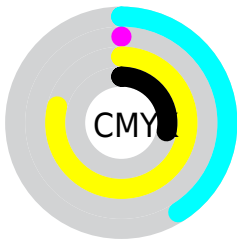
Blue (15%)



Red (15%)

Yellow (72%)

Blue (45%)

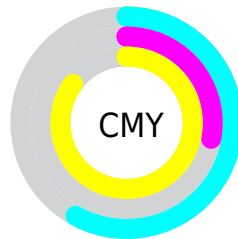


Cyan (41%)

Magenta (0%)

Yellow (79%)

Black (28%)



Cyan (58%)

Magenta (28%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CB727 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 6CB727 by changing the saturation by 10% instead.



6CB727



6CB727

FFFFFF



4F9C00



A5F060



318100



C2FF7C



0A6800



DFFF97



004F00



FDFFB3



003700



FFFFD0



002100



FFFFED



000000



6CB727



6CB727



62B715



76B739

 59B702

 7FB74C

 58B700

 89B75E

 92B770

 9CB783

 A5B795

 AFB7A7

 B8B7B9

 C2B7CC

Harmonies

Analogous

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



B5A600



6CB727



00C06C

Triad

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



6CB727



00BAFF



FF5B97

Complementary

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



6CB727



7227B7

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.



FF6ADB



6CB727



00A7FF

Square

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



6CB727



00C2F6



BA8AFF



FF6E55

Rectangle

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



6CB727



00C39B



BA8AFF



FF5CAE

Sweetspot

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



6CB727



D0EDB4



B77127



667855



F7F7F7



787878

Same Dimension

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



6CB727



79ED0E



27B729



575C53



4B9C00



0D1C00

Inverse Universe

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



7227B7



820EED



B727B5



57535C



51009C



0F001C

Previews

White Background



This preview shows how the Hex color 6CB727 looks on a white background.

Color Contrast Check

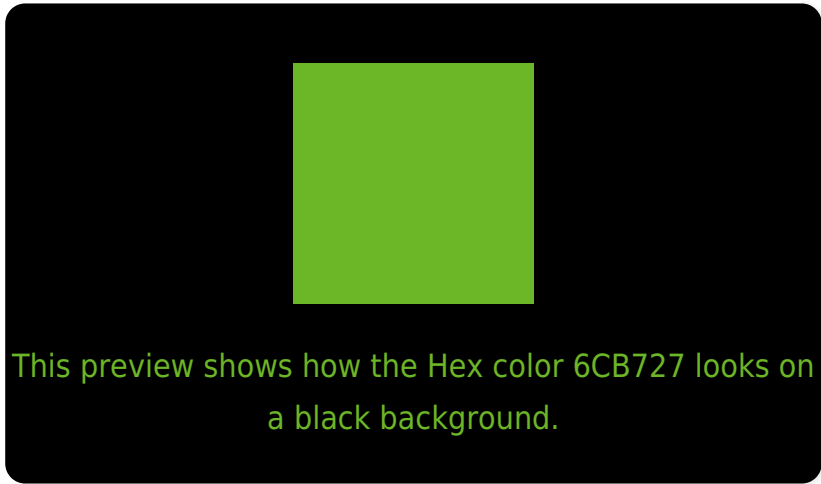
Large Text (above 18pt) WCAG AA × Fail

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 6CB727 Background



This preview shows how black text looks on a background with the Hex color 6CB727.



This preview shows how white text looks on a background with the Hex color 6CB727.

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
6CB727

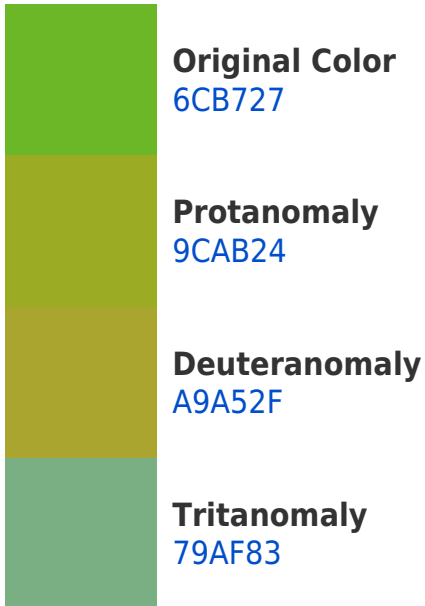
Protanopia
B8A422

Deuteranopia
CC9B34

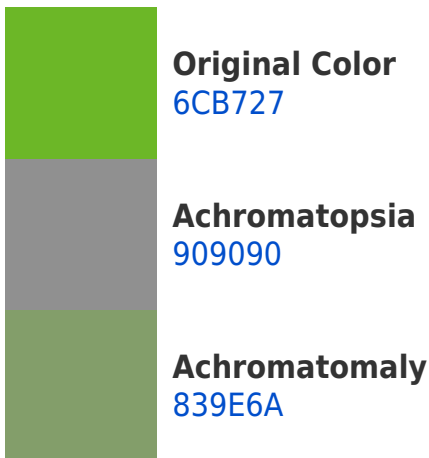


Tritanopia
80AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CB727 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 #6CB727 looks like.

```
.text, #text, p{  
    color:#6CB727  
}
```

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 #6CB727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB727
}
```

Border

The CSS property to change the border of an element to Hex 6CB727 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
#6CB727 }
```

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

```
.border{ border-color:#6CB727 }
```

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

Here you see how a box with a 4 pixel #6CB727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB727; -webkit-box-shadow:4px 4px  
4px 4px #6CB727; box-shadow:4px 4px 4px  
4px #6CB727 }
```

Background

The CSS property to change the background color of an element to Hex 6CB727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB727 }
```

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

```
.background{ background-color:#6CB727 }
```

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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