

Converting Colors

Hex(6EC650)

Have a look what the booklet for
Hex(6EC650) contains.

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Color

Hex(6EC650)

Conversions

Conversions Part 1

Format	Color
Hex	6EC650
RGB	110, 198, 80
RGB Percent	43%, 78%, 31%
CMY	0.5686, 0.2235, 0.6863
CMYK	0.44, 0.00, 0.60, 0.22
HSL	105°, 51%, 55%
HSV	105°, 60%, 78%
XYZ	28.0725, 44.2824, 14.6572
YIQ	158.2360, -14.5700, -55.3540

Conversions

Conversions Part 2

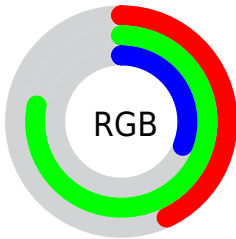
Format	Color
RYB	80, 198, 168
Decimal	7259728
CIELab	72.42, -48.13, 49.94
CIELCh	72, 69.358, 133.940
Yxy	44.2824, 0.3226, 0.5089
Android (android.graphics.Color)	4285449808 (0xFF6EC650)
YUV	158.2360, -38.5703, -42.3030
Hunter-Lab	66.5450, -41.1523, 33.5223

Details

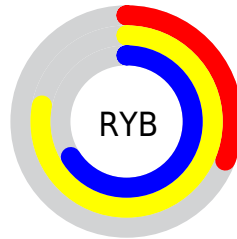
The Hex color **6EC650** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **A850C6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A7FF85**, and **338F19** is the 20% darker color. If you saturate the color by 10%, you get **5FC63C**, and if you desaturate by 10%, it is **7DC664**.

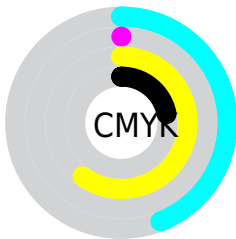
Distribution



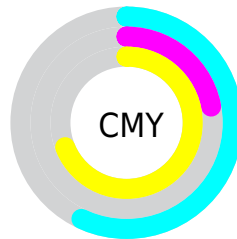
- Red (43%)
- Green (78%)
- Blue (31%)



- Red (31%)
- Yellow (78%)
- Blue (66%)



- Cyan (44%)
- Magenta (0%)
- Yellow (60%)
- Black (22%)



- Cyan (57%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EC650 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 6EC650 by changing the saturation by 10% instead.

 6EC650

 6EC650

FFFFFF

 51AA36

 A7FF85

 338F19

 C4FFA0

 0A7500

 E1FFBC

 005C00

 FFFFD8

 004300

 FFFFF5

 002D00

 001000

 000000

 6EC650

 6EC650

 5FC63C

 7DC664

 50C628

 8CC678

 42C615

 9AC68B

 33C601

 A9C69F

 32C600

 B8C6B3

 C7C6C7

 D5C6DB

 E4C6EE

 F3C6FF

Harmonies

Analogous

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



B6B825



6EC650



00CE8C

Triad

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



6EC650



00C2FF



FF7697

Complementary

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



6EC650



A850C6

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.



FF7BD6



6EC650



6CAFFF

Square

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



6EC650



00CDFE



DB94FF



FF885C

Rectangle

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



6EC650



00D0B8



DB94FF



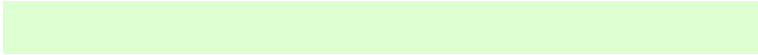
FF74AC

Sweetspot

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



6EC650



DFFFD1



C6A750



6B8063



000000



808080

Same Dimension

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



6EC650



76FF47



50C66C



5C635A



29A300



092400

Inverse Universe

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



A850C6



D047FF



C650AA



615A63



7A00A3



1B0024

Previews

White Background



This preview shows how the Hex color 6EC650 looks on a white background.

Color Contrast Check

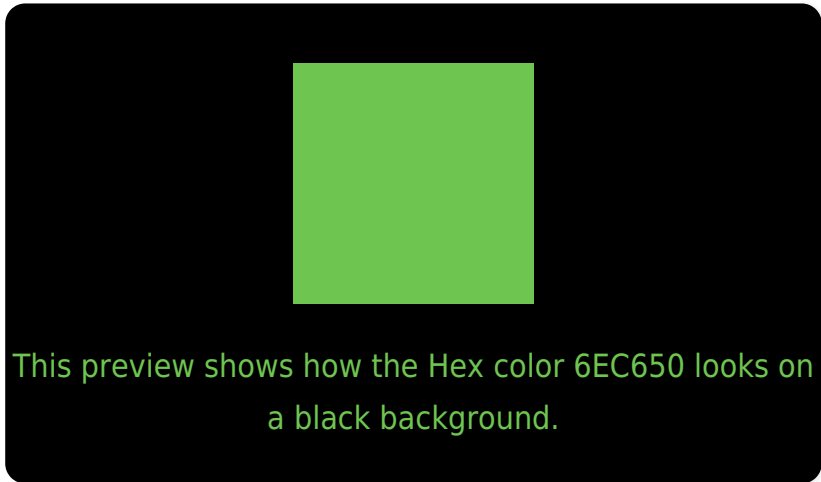
Large Text (above 18pt) WCAG AA × Fail

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 6EC650 Background



This preview shows how black text looks on a background with the Hex color 6EC650.



This preview shows how white text looks on a background with the Hex color 6EC650.

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](#).

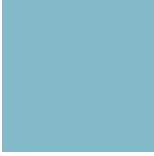
Dichromacy



Original Color
6EC650

Protanopia
C4B14A

Deuteranopia
D9A859



Tritanopia
83BAC9

Trichromacy



Original Color
6EC650



Protanomaly
A5B94C



Deuteranomaly
B2B356



Tritanomaly
7BBE9D

Monochromacy



Original Color
6EC650



Achromatopsia
9E9E9E



Achromatomaly
8DAD82

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EC650 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 #6EC650 looks like.

```
.text, #text, p{  
    color:#6EC650  
}
```

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 #6EC650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC650
}
```

Border

The CSS property to change the border of an element to Hex 6EC650 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
#6EC650 }
```

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

```
.border{ border-color:#6EC650 }
```

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

Here you see how a box with a 4 pixel #6EC650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC650; -webkit-box-shadow:4px 4px  
4px 4px #6EC650; box-shadow:4px 4px 4px  
4px #6EC650 }
```

Background

The CSS property to change the background color of an element to Hex 6EC650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC650 }
```

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

```
.background{ background-color:#6EC650 }
```

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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