

Converting Colors

Hex(6EB146)

Have a look what the booklet for
Hex(6EB146) contains.

Hex(6EB146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6EB146)

Conversions

Conversions Part 1

Format	Color
Hex	6EB146
RGB	110, 177, 70
RGB Percent	43%, 69%, 27%
CMY	0.5686, 0.3059, 0.7255
CMYK	0.38, 0.00, 0.60, 0.31
HSL	98°, 43%, 48%
HSV	98°, 60%, 69%
XYZ	23.2580, 35.2015, 11.3631
YIQ	144.7690, -5.5850, -47.4810

Conversions

Conversions Part 2

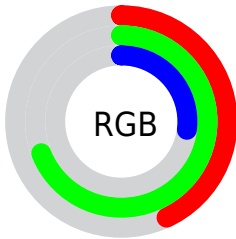
Format	Color
RYB	70, 177, 137
Decimal	7254342
CIELab	65.91, -40.30, 47.05
CIELCh	66, 61.954, 130.580
Yxy	35.2015, 0.3331, 0.5042
Android (android.graphics.Color)	4285444422 (0xFF6EB146)
YUV	144.7690, -36.8611, -30.4924
Hunter-Lab	59.3308, -33.8559, 30.1763

Details

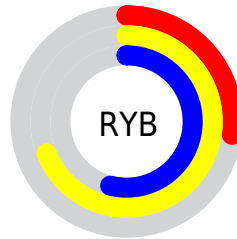
The Hex color **6EB146** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8946B1**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A5E97A**, and **377C0E** is the 20% darker color. If you saturate the color by 10%, you get **63B134**, and if you desaturate by 10%, it is **79B158**.

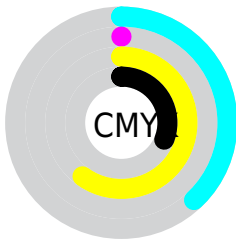
Distribution



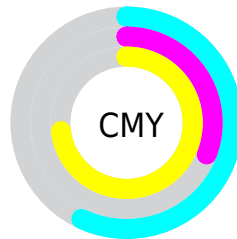
- Red (43%)
- Green (69%)
- Blue (27%)



- Red (27%)
- Yellow (69%)
- Blue (54%)



- Cyan (38%)
- Magenta (0%)
- Yellow (60%)
- Black (31%)



- Cyan (57%)
- Magenta (31%)
- Yellow (73%)
- Black (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EB146 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 6EB146 by changing the saturation by 10% instead.

 6EB146

 6EB146

FFFFFF

 53962C

 A5E97A

 377C0E

 C2FF95

 186200

 DFFFB0

 004A00

 FCFFCC

 003200

 FFFF E9

 001D00

 000000

 6EB146

 6EB146

 63B134

 79B158

 58B123

 84B169

 4DB111

 8FB17B

 42B100

 9AB18D

 A5B19F

 B0B1B0

 BCB1C2

 C7B1D4

 D2B1E5

Harmonies

Analogous

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



ABA426



6EB146



00B879

Triad

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



6EB146



00B0FF



FF6C8F

Complementary

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



6EB146



8946B1

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.



F273C6



6EB146



55A0FF

Square

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



6EB146



00B9E7



BC89F5



FB7A5A

Rectangle

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



6EB146



00BBA0



BC89F5



FF6CA1

Sweetspot

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



6EB146



CCE6BC



B18846



63735A



F2F2F2



737373

Same Dimension

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



6EB146



7DE63E



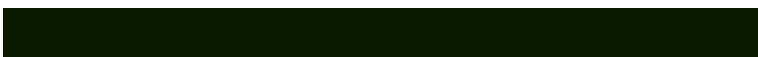
46B152



545950



399900



0A1A00

Inverse Universe

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



8946B1



A73EE6



B146A5



565059



600099



10001A

Previews

White Background



This preview shows how the Hex color 6EB146 looks on a white background.

Color Contrast Check

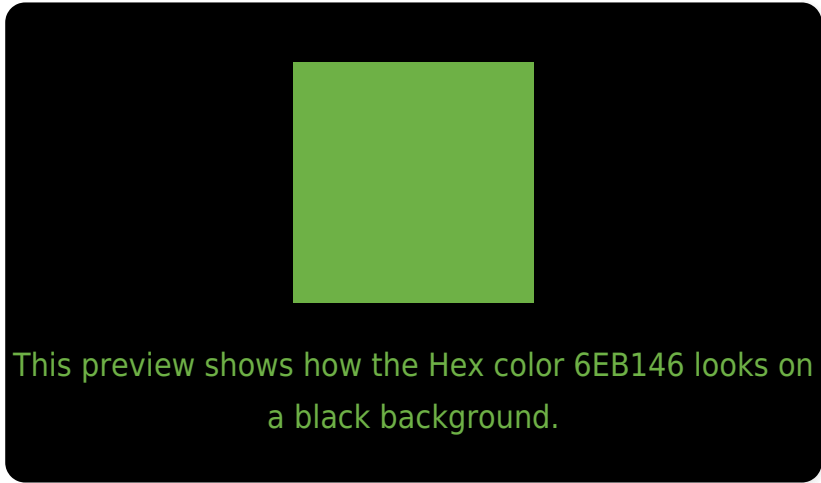
Large Text (above 18pt) WCAG AA × Fail

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 6EB146 Background



This preview shows how black text looks on a background with the Hex color 6EB146.



This preview shows how white text looks on a background with the Hex color 6EB146.

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
6EB146

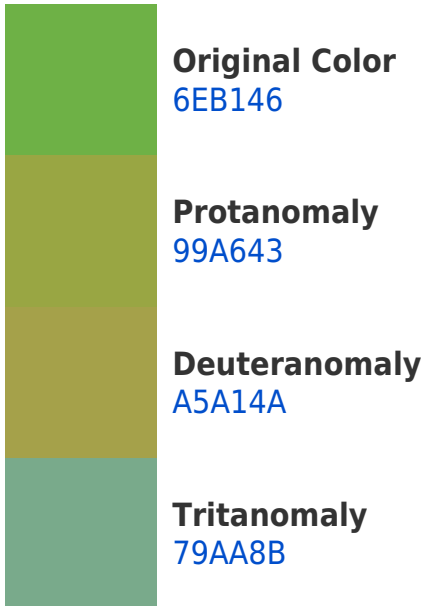
Protanopia
B1A041

Deuteranopia
C4984D



Tritanopia
7FA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EB146 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 #6EB146 looks like.

```
.text, #text, p{  
    color:#6EB146  
}
```

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 #6EB146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB146
}
```

Border

The CSS property to change the border of an element to Hex 6EB146 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
#6EB146 }
```

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

```
.border{ border-color:#6EB146 }
```

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

Here you see how a box with a 4 pixel #6EB146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB146; -webkit-box-shadow:4px 4px  
4px 4px #6EB146; box-shadow:4px 4px 4px  
4px #6EB146 }
```

Background

The CSS property to change the background color of an element to Hex 6EB146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB146 }
```

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

```
.background{ background-color:#6EB146 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor