

Converting Colors

Hex(6EB656)

Have a look what the booklet for
Hex(6EB656) contains.

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Color

Hex(6EB656)

Conversions

Conversions Part 1

Format	Color
Hex	6EB656
RGB	110, 182, 86
RGB Percent	43%, 71%, 34%
CMY	0.5686, 0.2863, 0.6627
CMYK	0.40, 0.00, 0.53, 0.29
HSL	105°, 40%, 53%
HSV	105°, 53%, 71%
XYZ	24.8381, 37.4428, 14.7222
YIQ	149.5280, -12.0960, -45.1200

Conversions

Conversions Part 2

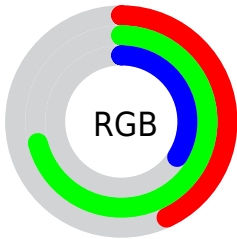
Format	Color
RYB	86, 182, 158
Decimal	7255638
CIELab	67.61, -40.71, 41.50
CIELCh	68, 58.136, 134.452
Yxy	37.4428, 0.3226, 0.4863
Android (android.graphics.Color)	4285445718 (0xFF6EB656)
YUV	149.5280, -31.3193, -34.6661
Hunter-Lab	61.1905, -34.6278, 28.5684

Details

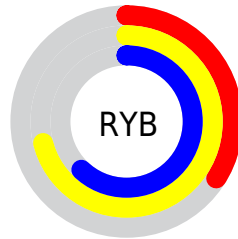
The Hex color **6EB656** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9E56B6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A5EE8A**, and **378024** is the 20% darker color. If you saturate the color by 10%, you get **60B644**, and if you desaturate by 10%, it is **7CB668**.

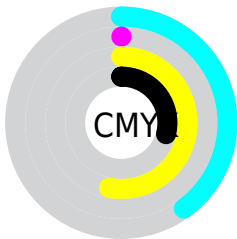
Distribution



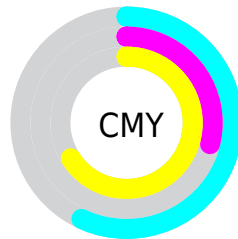
- Red (43%)
- Green (71%)
- Blue (34%)



- Red (34%)
- Yellow (71%)
- Blue (62%)



- Cyan (40%)
- Magenta (0%)
- Yellow (53%)
- Black (29%)



- Cyan (57%)
- Magenta (29%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EB656 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 6EB656 by changing the saturation by 10% instead.

 6EB656

 6EB656

FFFFFF

 539B3D

 A5EE8A

 378024

 C2FFA5

 186706

 DEFFC1

 004E00

 FCFFDD

 003600

 FFFFFA

 002200

 000000

 6EB656

 6EB656

 60B644

 7CB668

 53B632

 89B67A

 45B61F

 97B68D

 37B60D

 A5B69F

 2EB600

 B2B6B1

 C0B6C3

 CEB6D5

 DBB6E8

 E9B6FA

Harmonies

Analogous

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



A9AA37



6EB656



00BD87

Triad

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



6EB656



00B2FF



FF768D

Complementary

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



6EB656



9E56B6

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.



F77AC2



6EB656



74A2FF

Square

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



6EB656



00BBED



C88CF0



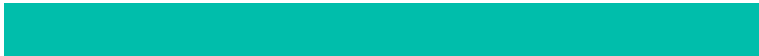
F9845D

Rectangle

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



6EB656



00BEAB



C88CF0



FF759F

Sweetspot

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



6EB656



D1EDC7



B69E56



677861



F7F7F7



787878

Same Dimension

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



6EB656



7DED58



56B66E



555C53



279C00



071C00

Inverse Universe

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



9E56B6



C858ED



B6569E



5A535C



75009C



15001C

Previews

White Background



This preview shows how the Hex color 6EB656 looks on a white background.

Color Contrast Check

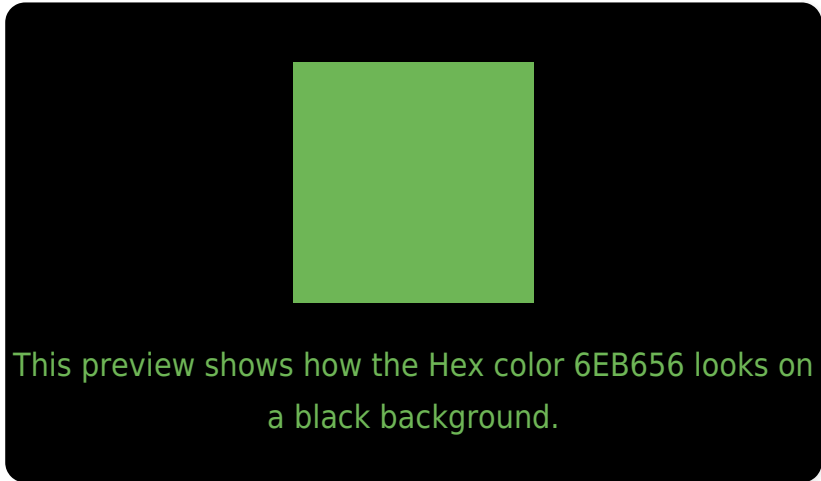
Large Text (above 18pt) WCAG AA × Fail

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 6EB656 Background



This preview shows how black text looks on a background with the Hex color 6EB656.



This preview shows how white text looks on a background with the Hex color 6EB656.

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
6EB656

Protanopia
B5A450

Deuteranopia
C89C5D



Tritanopia
7FABB9

Trichromacy



Original Color
6EB656



Protanomaly
9BAB52



Deuteranomaly
A7A55A



Tritanomaly
79AF95

Monochromacy



Original Color
6EB656



Achromatopsia
969696



Achromatomaly
87A27F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EB656 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 #6EB656 looks like.

```
.text, #text, p{  
    color:#6EB656  
}
```

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 #6EB656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB656
}
```

Border

The CSS property to change the border of an element to Hex 6EB656 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
#6EB656 }
```

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

```
.border{ border-color:#6EB656 }
```

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

Here you see how a box with a 4 pixel #6EB656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB656; -webkit-box-shadow:4px 4px  
4px 4px #6EB656; box-shadow:4px 4px 4px  
4px #6EB656 }
```

Background

The CSS property to change the background color of an element to Hex 6EB656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB656 }
```

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

```
.background{ background-color:#6EB656 }
```

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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