

Converting Colors

Hex(5BA655)

Have a look what the booklet for
Hex(5BA655) contains.

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Color

Hex(5BA655)

Conversions

Conversions Part 1

Format	Color
Hex	5BA655
RGB	91, 166, 85
RGB Percent	36%, 65%, 33%
CMY	0.6431, 0.3490, 0.6667
CMYK	0.45, 0.00, 0.49, 0.35
HSL	116°, 32%, 49%
HSV	116°, 49%, 65%
XYZ	19.5903, 30.1525, 13.3818
YIQ	134.3410, -18.6990, -41.0910

Conversions

Conversions Part 2

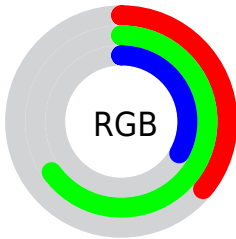
Format	Color
RYB	85, 166, 160
Decimal	6006357
CIELab	61.79, -39.93, 34.68
CIELCh	62, 52.887, 139.030
Yxy	30.1525, 0.3103, 0.4777
Android (android.graphics.Color)	4284196437 (0xFF5BA655)
YUV	134.3410, -24.3251, -38.0101
Hunter-Lab	54.9113, -32.4125, 23.9890

Details

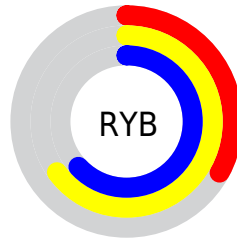
The Hex color **5BA655** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **A055A6**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **91DE88**, and **237125** is the 20% darker color. If you saturate the color by 10%, you get **4CA644**, and if you desaturate by 10%, it is **6AA666**.

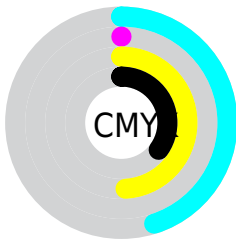
Distribution



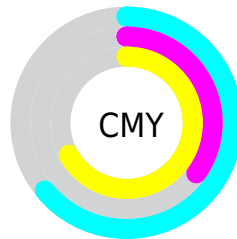
- Red (36%)
- Green (65%)
- Blue (33%)



- Red (33%)
- Yellow (65%)
- Blue (63%)



- Cyan (45%)
- Magenta (0%)
- Yellow (49%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA655 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 5BA655 by changing the saturation by 10% instead.



5BA655



5BA655

FFFFFF



408B3D



91DE88



237125



ADFAA3



00580B



CAFFBE



004000



E7FFDA



002A00



FFFFFF7



000C00



000000



5BA655



5BA655



4CA644



6AA666

 3CA634

 7AA676

 2DA623

 89A687

 1EA613

 98A697

 0EA602

 A8A6A8

 0CA600

 B7A6B9

 C7A6C9

 D6A6DA

 E5A6EA

Harmonies

Analogous

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



929C37



5BA655



00AB82

Triad

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



5BA655



009FF1



EC6D79

Complementary

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



5BA655



A055A6

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.



E26EA9



5BA655



7990EE

Square

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



5BA655



00A9DB



BD7DD3



DE7B50

Rectangle

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



5BA655



00ACA2



BD7DD3



EC6B89

Sweetspot

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



5BA655



BBD9B8



A69F55



5B6E5A



EDEDED



6E6E6E

Same Dimension

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



5BA655



62D959



55A677



4C544C



0B9400



021400

Inverse Universe

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



A055A6



CF59D9



A65584



544C54



890094



130014

Previews

White Background



This preview shows how the Hex color 5BA655 looks on a white background.

Color Contrast Check

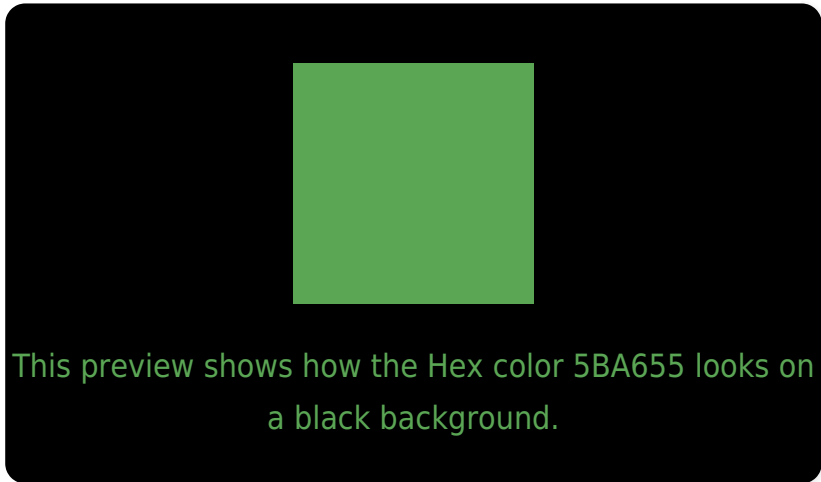
Large Text (above 18pt) WCAG AA × Fail

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 5BA655 Background



This preview shows how black text looks on a background with the Hex color 5BA655.

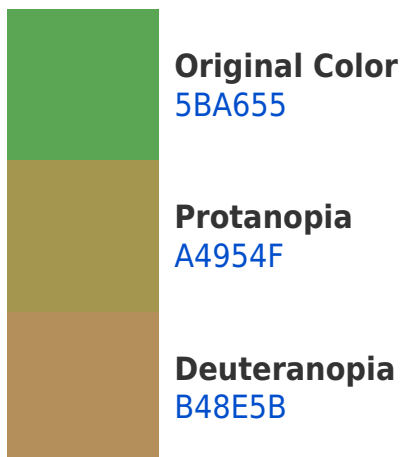


This preview shows how white text looks on a background with the Hex color 5BA655.

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](#).

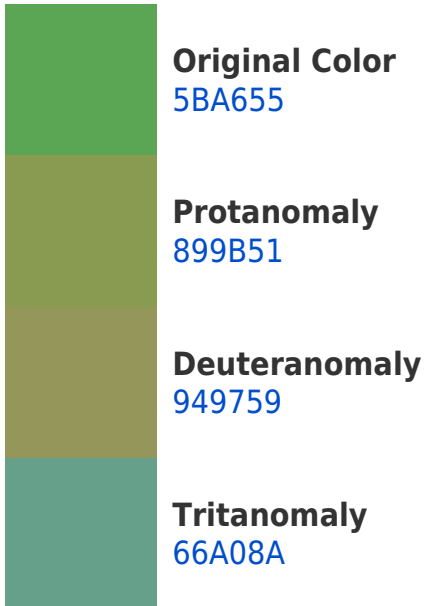
Dichromacy



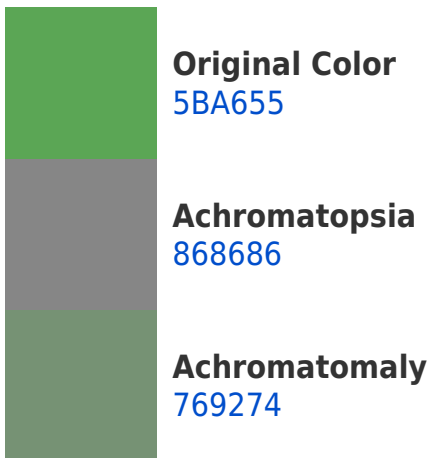


Tritanopia
6C9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA655 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 #5BA655 looks like.

```
.text, #text, p{  
    color:#5BA655  
}
```

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 #5BA655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA655
}
```

Border

The CSS property to change the border of an element to Hex 5BA655 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
#5BA655 }
```

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

```
.border{ border-color:#5BA655 }
```

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

Here you see how a box with a 4 pixel #5BA655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA655; -webkit-box-shadow:4px 4px  
4px 4px #5BA655; box-shadow:4px 4px 4px  
4px #5BA655 }
```

Background

The CSS property to change the background color of an element to Hex 5BA655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA655 }
```

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

```
.background{ background-color:#5BA655 }
```

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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