

Converting Colors

Hex(55A071)

Have a look what the booklet for
Hex(55A071) contains.

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Color

Hex(55A071)

Conversions

Conversions Part 1

Format	Color
Hex	55A071
RGB	85, 160, 113
RGB Percent	33%, 63%, 44%
CMY	0.6667, 0.3725, 0.5569
CMYK	0.47, 0.00, 0.29, 0.37
HSL	142°, 31%, 48%
HSV	142°, 47%, 63%
XYZ	19.2978, 28.2652, 20.0614
YIQ	132.2170, -29.6130, -30.5170

Conversions

Conversions Part 2

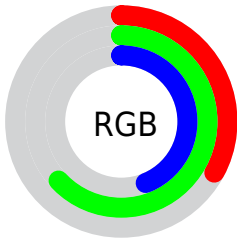
Format	Color
RYB	85, 140, 160
Decimal	5611633
CIELab	60.13, -34.26, 17.45
CIElCh	60, 38.450, 153.012
Yxy	28.2652, 0.2854, 0.4180
Android (android.graphics.Color)	4283801713 (0xFF55A071)
YUV	132.2170, -9.4740, -41.4093
Hunter-Lab	53.1650, -28.2470, 14.8429

Details

The Hex color **55A071** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A05584**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8BD7A5**, and **1E6C41** is the 20% darker color. If you saturate the color by 10%, you get **45A067**, and if you desaturate by 10%, it is **65A07B**.

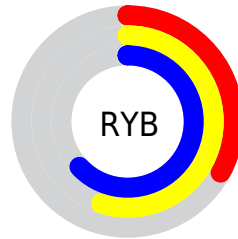
Distribution



Red (33%)

Green (63%)

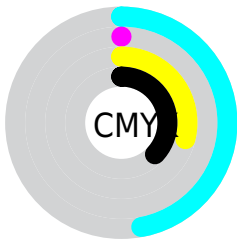
Blue (44%)



Red (33%)

Yellow (55%)

Blue (63%)

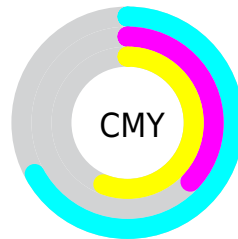


Cyan (47%)

Magenta (0%)

Yellow (29%)

Black (37%)



Cyan (67%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55A071 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 55A071 by changing the saturation by 10% instead.

 55A071

 55A071

FFFFFF

 3A8558

 8BD7A5

 1E6C41

 A6F4C0

 00532A

 C2FFDC

 003B15

 DFFFF9

 002600

 FFFFFFFF

 000100

 000000

 55A071

 55A071

 45A067

 65A07B

 35A05D

 75A085

 25A053

 85A08F

 15A049

 95A099

 05A03F

 A5A0A3

 00A03C

 B5A0AD

 C5A0B7

 D5A0C1

 E5A0CB

Harmonies

Analogous

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



7F9A57



55A071



0DA393

Triad

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



55A071



6293D4



D07A6E

Complementary

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



55A071



A05584

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.



D0768F



55A071



9987CA

Square

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



55A071



009DCD



BE7BB0



BF8455

Rectangle

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



55A071



00A2AA



BE7BB0



D27778

Sweetspot

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



55A071



B4D1BF



85A055



57695D



E8E8E8



696969

Same Dimension

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



55A071



5CD188



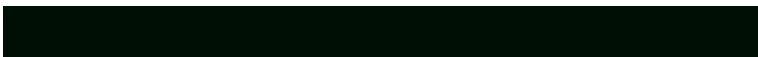
55A096



474F4A



008F35



000F06

Inverse Universe

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



A05584



D15CA5



A0555F



4F474C



8F0059



0F000A

Previews

White Background



This preview shows how the Hex color 55A071 looks on a white background.

Color Contrast Check

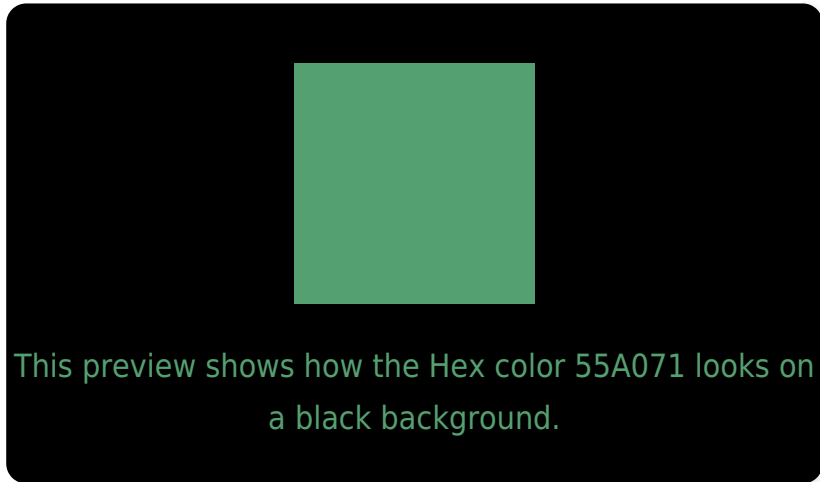
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 55A071 Background



This preview shows how black text looks on a background with the Hex color 55A071.

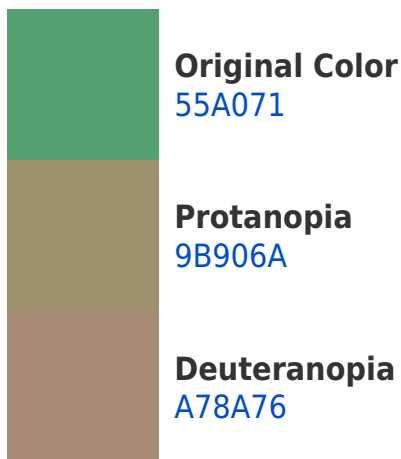


This preview shows how white text looks on a background with the Hex color 55A071.

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
6299A6

Trichromacy



Original Color
55A071

Protanomaly
82966D

Deuteranomaly
899274

Tritanomaly
5D9C93

Monochromacy



Original Color
55A071

Achromatopsia
848484

Achromatomaly
738E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 55A071 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 #55A071 looks like.

```
.text, #text, p{  
    color:#55A071  
}
```

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 #55A071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A071
}
```

Border

The CSS property to change the border of an element to Hex 55A071 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
#55A071 }
```

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

```
.border{ border-color:#55A071 }
```

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

Here you see how a box with a 4 pixel #55A071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A071; -webkit-box-shadow:4px 4px  
4px 4px #55A071; box-shadow:4px 4px 4px  
4px #55A071 }
```

Background

The CSS property to change the background color of an element to Hex 55A071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A071 }
```

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

```
.background{ background-color:#55A071 }
```

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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