

Converting Colors

Hex(53A071)

Have a look what the booklet for
Hex(53A071) contains.

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Color

Hex(53A071)

Conversions

Conversions Part 1

Format	Color
Hex	53A071
RGB	83, 160, 113
RGB Percent	33%, 63%, 44%
CMY	0.6745, 0.3725, 0.5569
CMYK	0.48, 0.00, 0.29, 0.37
HSL	143°, 32%, 48%
HSV	143°, 48%, 63%
XYZ	19.1187, 28.1729, 20.0530
YIQ	131.6190, -30.8050, -30.9410

Conversions

Conversions Part 2

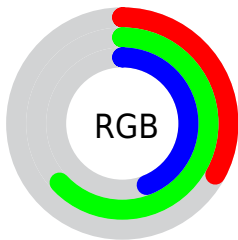
Format	Color
R_{YB}	83, 138, 160
Decimal	5480561
CIE _{Lab}	60.04, -34.82, 17.32
CIE _{LCh}	60, 38.888, 153.550
Yxy	28.1729, 0.2839, 0.4183
Android (android.graphics.Color)	4283670641 (0xFF53A071)
YUV	131.6190, -9.1792, -42.6389
Hunter-Lab	53.0781, -28.5911, 14.7548

Details

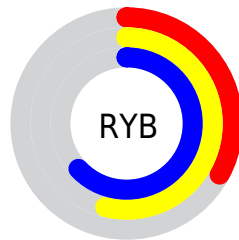
The Hex color **53A071** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A05382**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **89D7A5**, and **1A6C41** is the 20% darker color. If you saturate the color by 10%, you get **43A067**, and if you desaturate by 10%, it is **63A07B**.

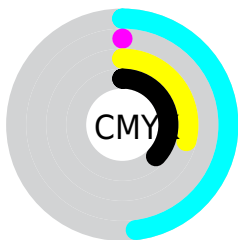
Distribution



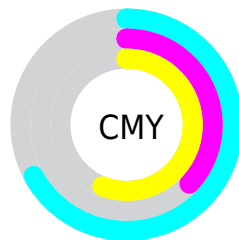
- Red (33%)
- Green (63%)
- Blue (44%)



- Red (33%)
- Yellow (54%)
- Blue (63%)



- Cyan (48%)
- Magenta (0%)
- Yellow (29%)
- Black (37%)



- Cyan (67%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A071 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 53A071 by changing the saturation by 10% instead.

 53A071

 53A071

FFFFFF

 388558

 89D7A5

 1A6C41

 A4F4C0

 00532A

 C1FFDC

 003B15

 DDDFF9

 002600

 FAFFFF

 000000

 53A071

 53A071

 43A067

 63A07B

 33A05D

 73A085

 23A054

 83A08E

 13A04A

 93A098

 03A040

 A3A0A2

 00A03E

 B3A0AC

 C3A0B5

 D3A0BF

 E3A0C9

Harmonies

Analogous

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



7E9A56



53A071



00A394

Triad

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



53A071



6293D5



D0796D

Complementary

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



53A071



A05382

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.



D1758E



53A071



9986CA

Square

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



53A071



009CCD



BF7AB0



BF8454

Rectangle

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



53A071



00A2AB



BF7AB0



D27777

Sweetspot

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



53A071



B4D1BF



82A053



57695E



E8E8E8



696969

Same Dimension

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



53A071



58D187



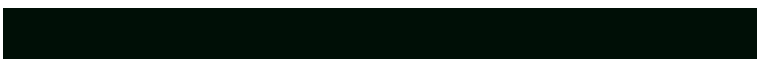
53A097



474F4A



008F38



000F06

Inverse Universe

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



A05382



D158A2



A0535C



4F474C



8F0057



0F0009

Previews

White Background



This preview shows how the Hex color 53A071 looks on a white background.

Color Contrast Check

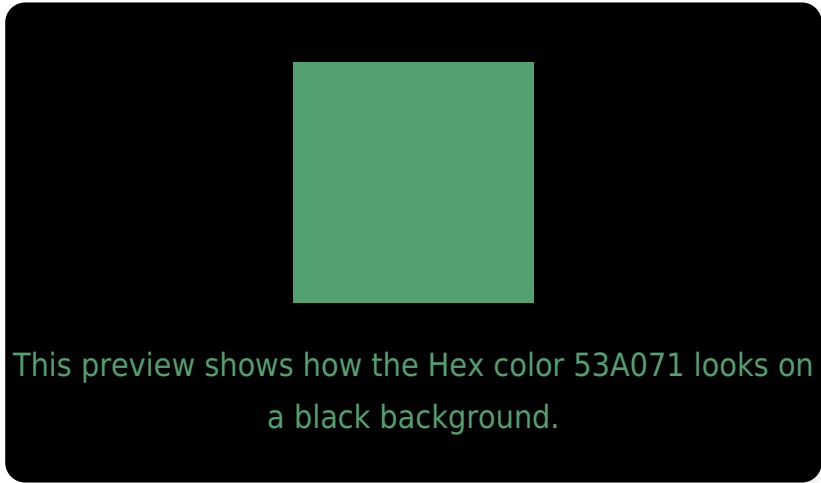
Large Text (above 18pt) WCAG AA ✓ Pass

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

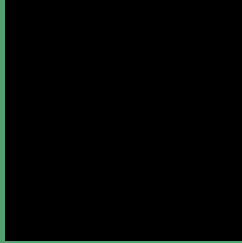
Any Text WCAG AA ✓ Pass

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 53A071 Background



This preview shows how black text looks on a background with the Hex color 53A071.

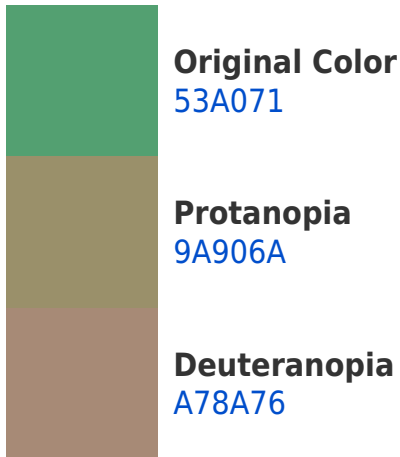


This preview shows how white text looks on a background with the Hex color 53A071.

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](#).

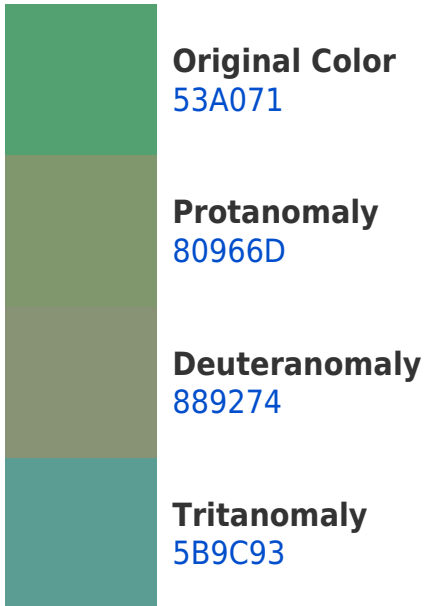
Dichromacy





Tritanopia
6099A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53A071 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 #53A071 looks like.

```
.text, #text, p{  
    color:#53A071  
}
```

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 #53A071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A071
}
```

Border

The CSS property to change the border of an element to Hex 53A071 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
#53A071 }
```

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

```
.border{ border-color:#53A071 }
```

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

Here you see how a box with a 4 pixel #53A071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A071; -webkit-box-shadow:4px 4px  
4px 4px #53A071; box-shadow:4px 4px 4px  
4px #53A071 }
```

Background

The CSS property to change the background color of an element to Hex 53A071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A071 }
```

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

```
.background{ background-color:#53A071 }
```

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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