

Converting Colors

Hex(30955A)

Have a look what the booklet for
Hex(30955A) contains.

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Color

Hex(30955A)

Conversions

Conversions Part 1

Format	Color
Hex	30955A
RGB	48, 149, 90
RGB Percent	19%, 58%, 35%
CMY	0.8118, 0.4157, 0.6471
CMYK	0.68, 0.00, 0.40, 0.42
HSL	145°, 51%, 39%
HSV	145°, 68%, 58%
XYZ	13.8118, 22.8615, 13.3576
YIQ	112.0750, -41.2570, -39.7610

Conversions

Conversions Part 2

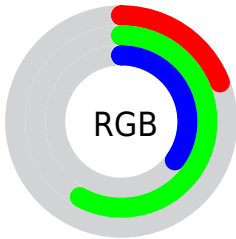
Format	Color
RYB	48, 119, 149
Decimal	3183962
CIELab	54.93, -42.86, 22.91
CIElCh	55, 48.601, 151.869
Yxy	22.8615, 0.2761, 0.4569
Android (android.graphics.Color)	4281374042 (0xFF30955A)
YUV	112.0750, -10.8830, -56.1938
Hunter-Lab	47.8137, -32.1110, 16.9058

Details

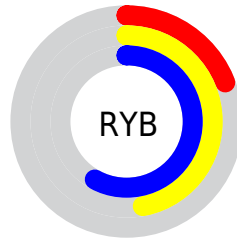
The Hex color **30955A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **95306B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6ACC8D**, and **00612B** is the 20% darker color. If you saturate the color by 10%, you get **219551**, and if you desaturate by 10%, it is **3F9563**.

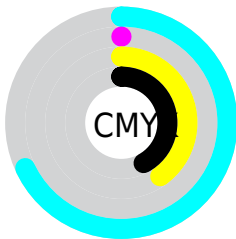
Distribution



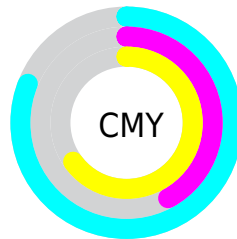
- Red (19%)
- Green (58%)
- Blue (35%)



- Red (19%)
- Yellow (47%)
- Blue (58%)



- Cyan (68%)
- Magenta (0%)
- Yellow (40%)
- Black (42%)



- Cyan (81%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30955A 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 30955A by changing the saturation by 10% instead.



30955A



30955A

FFFFFF



047B42



6ACC8D



00612B



86E8A7



004815



A3FFC3



003100



BFFFDf



001A00



DCFFFB



000000



FAFFFF



30955A



30955A



219551



3F9563

■ 129549

■ 4E956B

■ 039540

■ 5D9574

■ 00953E

■ 6C957D

■ 7B9586

■ 89958E

■ 989597

■ A795A0

■ B695A8

Harmonies

Analogous

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



6D8E38



30955A



009885

Triad

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



30955A



2C87D8



CE6359

Complementary

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



30955A



95306B

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.



CF5E83



30955A



8977CB

Square

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



30955A



0092CD



B966AC



BA7339

Rectangle

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



30955A



0098A2



B966AC



D16067

Sweetspot

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



30955A



9BC2AB



6D9530



4A6153



E0E0E0



616161

Same Dimension

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



30955A



25C266



30958B



434A46



008A39



000A04

Inverse Universe

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



95306B



C22581



95303A



4A4347



8A0050



0A0006

Previews

White Background



This preview shows how the Hex color 30955A looks on a white background.

Color Contrast Check

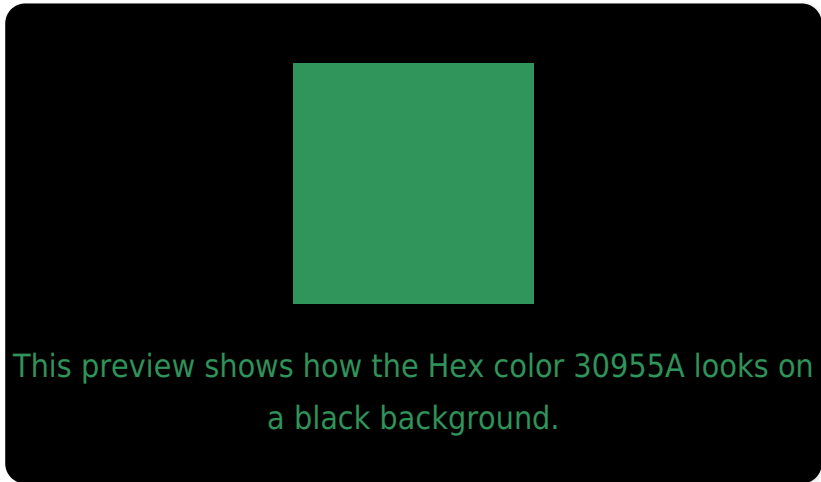
Large Text (above 18pt) WCAG AA ✓ Pass

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 30955A Background



This preview shows how black text looks on a background with the Hex color 30955A.

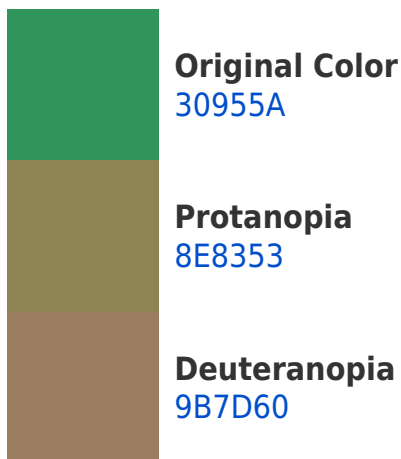


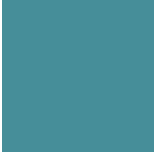
This preview shows how white text looks on a background with the Hex color 30955A.

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](#).

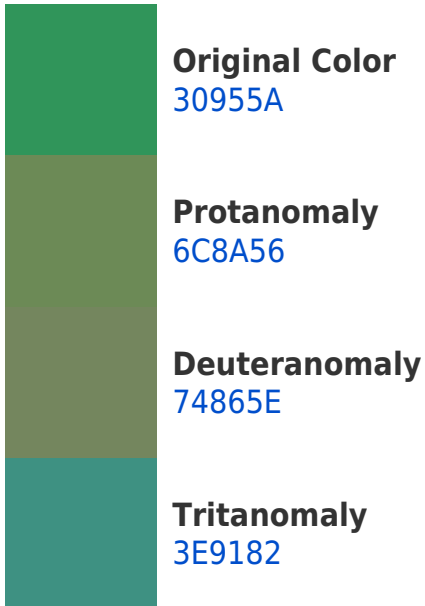
Dichromacy





Tritanopia
468E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30955A 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 #30955A looks like.

```
.text, #text, p{  
    color:#30955A  
}
```

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 #30955A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30955A
}
```

Border

The CSS property to change the border of an element to Hex 30955A 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
#30955A }
```

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

```
.border{ border-color:#30955A }
```

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

Here you see how a box with a 4 pixel #30955A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30955A; -webkit-box-shadow:4px 4px  
4px 4px #30955A; box-shadow:4px 4px 4px  
4px #30955A }
```

Background

The CSS property to change the background color of an element to Hex 30955A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30955A }
```

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

```
.background{ background-color:#30955A }
```

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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