

Converting Colors

Hex(4A9555)

Have a look what the booklet for
Hex(4A9555) contains.

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Color

Hex(4A9555)

Conversions

Conversions Part 1

Format	Color
Hex	4A9555
RGB	74, 149, 85
RGB Percent	29%, 58%, 33%
CMY	0.7098, 0.4157, 0.6667
CMYK	0.50, 0.00, 0.43, 0.42
HSL	129°, 34%, 44%
HSV	129°, 50%, 58%
XYZ	15.2112, 23.6066, 12.3491
YIQ	119.2790, -24.1560, -35.8040

Conversions

Conversions Part 2

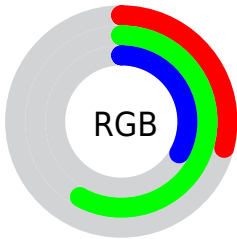
Format	Color
R_{YB}	74, 139, 149
Decimal	4887893
CIE _{Lab}	55.69, -37.55, 26.80
CIE _{LCh}	56, 46.133, 144.490
Yxy	23.6066, 0.2973, 0.4614
Android (android.graphics.Color)	4283077973 (0xFF4A9555)
YUV	119.2790, -16.8995, -39.7097
Hunter-Lab	48.5866, -29.1430, 18.9411

Details

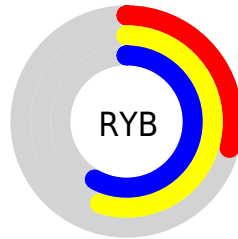
The Hex color **4A9555** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **954A8A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **80CC87**, and **0E6126** is the 20% darker color. If you saturate the color by 10%, you get **3B9548**, and if you desaturate by 10%, it is **599562**.

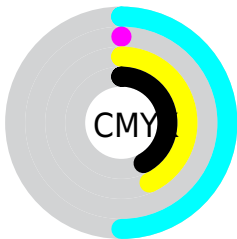
Distribution



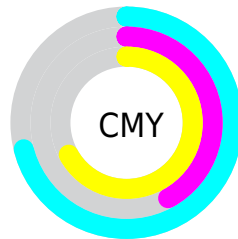
- Red (29%)
- Green (58%)
- Blue (33%)



- Red (29%)
- Yellow (55%)
- Blue (58%)



- Cyan (50%)
- Magenta (0%)
- Yellow (43%)
- Black (42%)



- Cyan (71%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A9555 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 4A9555 by changing the saturation by 10% instead.



4A9555



4A9555

FFFFFF



2F7B3D



80CC87



0E6126



9BE8A2



00490F



B7FFBD



003100



D4FFD9



001C00



F1FFF6



000000



4A9555



4A9555



3B9548



599562



2C953C



68956E

■ 1D952F

■ 77957B

■ 0E9522

■ 869588

■ 009516

■ 959595

■ A395A1

■ B295AE

■ C195BB

■ D095C7

Harmonies

Analogous

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



7C8D39



4A9555



00997C

Triad

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



4A9555



098CD5



CF6567

Complementary

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



4A9555



954A8A

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.



CB638F



4A9555



7B7ECE

Square

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



4A9555



0095C6



B06EB4



C07245

Rectangle

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



4A9555



009998



B06EB4



D06374

Sweetspot

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



4A9555



A5C2A9



8B954A



4F6152



E0E0E0



616161

Same Dimension

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



4A9555



4EC25F



4A957A



434A44



008A14



000A01

Inverse Universe

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



954A8A



C24EB1



954A66



4A4349



8A0076



0A0009

Previews

White Background



This preview shows how the Hex color 4A9555 looks on a white background.

Color Contrast Check

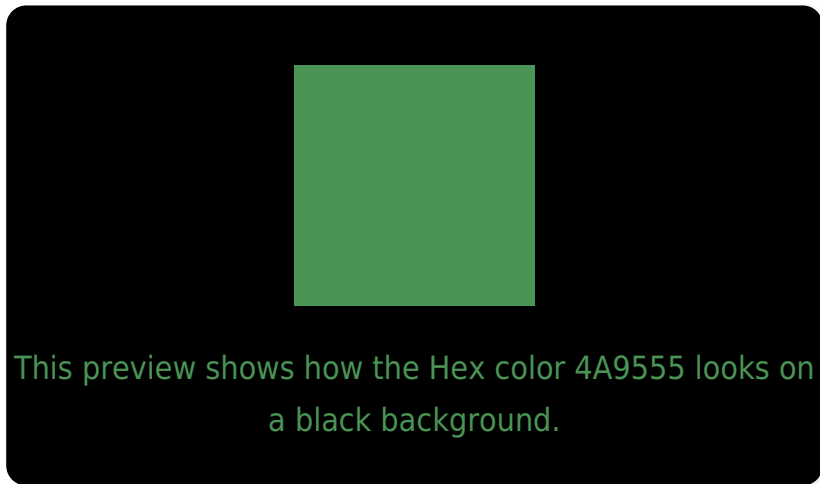
Large Text (above 18pt) WCAG AA ✓ Pass

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

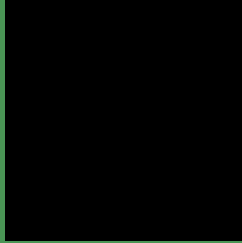
Any Text WCAG AA ✓ Pass

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 4A9555 Background



This preview shows how black text looks on a background with the Hex color 4A9555.




This preview shows how white text looks on a background with the Hex color 4A9555.

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
5A8D99

Trichromacy



Original Color
4A9555

Protanomaly
778B51

Deuteranomaly
808758

Tritanomaly
549080

Monochromacy



Original Color
4A9555

Achromatopsia
777777

Achromatomaly
67826B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A9555 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 #4A9555 looks like.

```
.text, #text, p{  
    color:#4A9555  
}
```

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 #4A9555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A9555
}
```

Border

The CSS property to change the border of an element to Hex 4A9555 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
#4A9555 }
```

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

```
.border{ border-color:#4A9555 }
```

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

Here you see how a box with a 4 pixel #4A9555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A9555; -webkit-box-shadow:4px 4px  
4px 4px #4A9555; box-shadow:4px 4px 4px  
4px #4A9555 }
```

Background

The CSS property to change the background color of an element to Hex 4A9555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A9555 }
```

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

```
.background{ background-color:#4A9555 }
```

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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