

Converting Colors

Hex(4B9557)

Have a look what the booklet for
Hex(4B9557) contains.

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Color

Hex(4B9557)

Conversions

Conversions Part 1

Format	Color
Hex	4B9557
RGB	75, 149, 87
RGB Percent	29%, 58%, 34%
CMY	0.7059, 0.4157, 0.6588
CMYK	0.50, 0.00, 0.42, 0.42
HSL	130°, 33%, 44%
HSV	130°, 50%, 58%
XYZ	15.3694, 23.6789, 12.7773
YIQ	119.8060, -24.2020, -34.9700

Conversions

Conversions Part 2

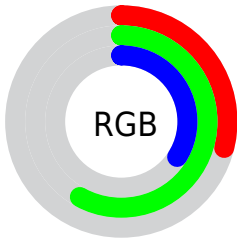
Format	Color
RYB	75, 139, 149
Decimal	4953431
CIELab	55.76, -36.93, 25.82
CIElCh	56, 45.058, 145.044
Yxy	23.6789, 0.2966, 0.4569
Android (android.graphics.Color)	4283143511 (0xFF4B9557)
YUV	119.8060, -16.1734, -39.2949
Hunter-Lab	48.6609, -28.7780, 18.4945

Details

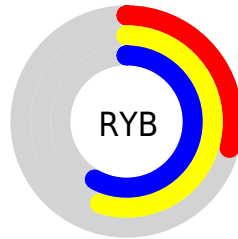
The Hex color **4B9557** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **954B89**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **81CC8A**, and **106128** is the 20% darker color. If you saturate the color by 10%, you get **3C954B**, and if you desaturate by 10%, it is **5A9563**.

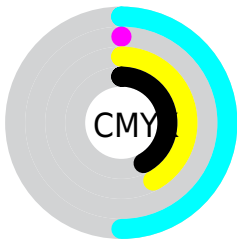
Distribution



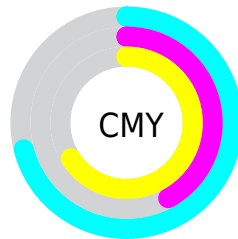
- Red (29%)
- Green (58%)
- Blue (34%)



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



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



- Cyan (71%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9557 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 4B9557 by changing the saturation by 10% instead.



4B9557



4B9557

FFFFFF



307B3F



81CC8A



106128



9CE8A4



004912



B8FFBF



003100



D4FFDB



001D00



F1FFF8



000000



4B9557



4B9557



3C954B



5A9563



2D953E



699570

■ 1E9532

■ 78957C

■ 0F9525

■ 879589

■ 009519

■ 969595

■ 009518

■ A495A2

■ B395AE

■ C295BB

■ D195C7

Harmonies

Analogous

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



7C8D3B



4B9557



00997E

Triad

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



4B9557



1E8CD3



CE6767

Complementary

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



4B9557



954B89

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.



CA648E



4B9557



7D7ECD

Square

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



4B9557



0095C5



B06EB3



BF7346

Rectangle

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



4B9557



009999



B06EB3



CF6473

Sweetspot

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



4B9557



A5C2A9



8A954B



4F6152



E0E0E0



616161

Same Dimension

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



4B9557



4EC260



4B957B



434A44



008A16



000A02

Inverse Universe

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



954B89



C24EAF



954B65



4A4349



8A0073



0A0009

Previews

White Background



This preview shows how the Hex color 4B9557 looks on a white background.

Color Contrast Check

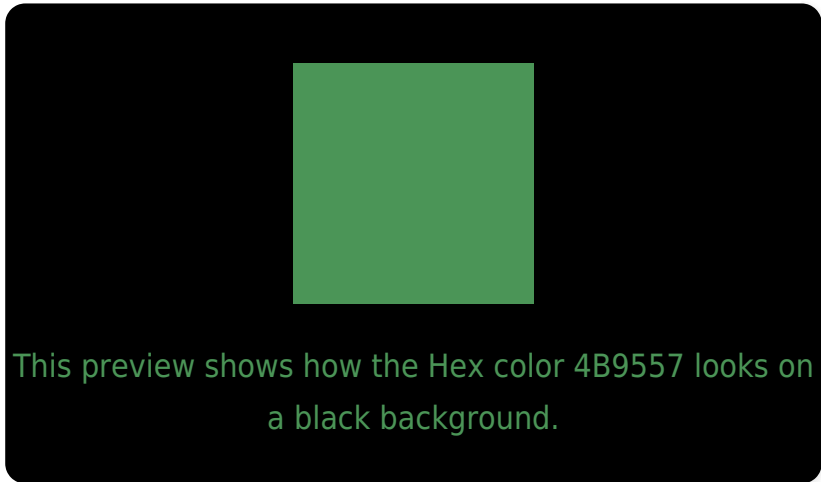
Large Text (above 18pt) WCAG AA ✓ Pass

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

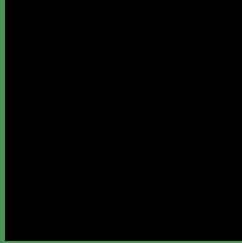
Any Text WCAG AA ✓ Pass

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 4B9557 Background



This preview shows how black text looks on a background with the Hex color 4B9557.




This preview shows how white text looks on a background with the Hex color 4B9557.

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](#).

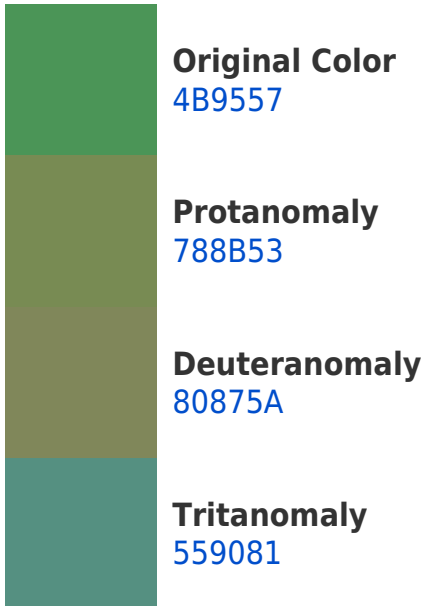
Dichromacy





Tritanopia
5A8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9557 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 #4B9557 looks like.

```
.text, #text, p{  
    color:#4B9557  
}
```

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 #4B9557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9557  
}
```

Border

The CSS property to change the border of an element to Hex 4B9557 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  
#4B9557 }
```

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

```
.border{ border-color:#4B9557 }
```

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

Here you see how a box with a 4 pixel #4B9557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9557; -webkit-box-shadow:4px 4px  
4px 4px #4B9557; box-shadow:4px 4px 4px  
4px #4B9557 }
```

Background

The CSS property to change the background color of an element to Hex 4B9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9557 }
```

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

```
.background{ background-color:#4B9557 }
```

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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