

Converting Colors

Hex(4C9359)

Have a look what the booklet for
Hex(4C9359) contains.

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Color

Hex(4C9359)

Conversions

Conversions Part 1

Format	Color
Hex	4C9359
RGB	76, 147, 89
RGB Percent	30%, 58%, 35%
CMY	0.7020, 0.4235, 0.6510
CMYK	0.48, 0.00, 0.39, 0.42
HSL	131°, 32%, 44%
HSV	131°, 48%, 58%
XYZ	15.2174, 23.1252, 13.1128
YIQ	119.1590, -23.6980, -33.0900

Conversions

Conversions Part 2

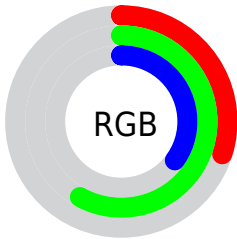
Format	Color
RYB	76, 136, 147
Decimal	5018457
CIELab	55.20, -35.40, 23.99
CIElCh	55, 42.766, 145.871
Yxy	23.1252, 0.2957, 0.4494
Android (android.graphics.Color)	4283208537 (0xFF4C9359)
YUV	119.1590, -14.8684, -37.8504
Hunter-Lab	48.0887, -27.6699, 17.4949

Details

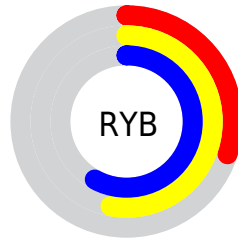
The Hex color **4C9359** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **934C86**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **81CA8C**, and **13602A** is the 20% darker color. If you saturate the color by 10%, you get **3D934D**, and if you desaturate by 10%, it is **5B9365**.

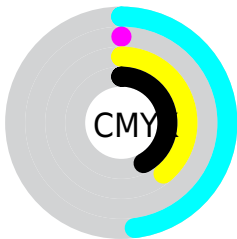
Distribution



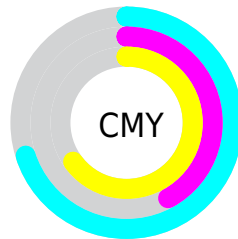
- Red (30%)
- Green (58%)
- Blue (35%)



- Red (30%)
- Yellow (53%)
- Blue (58%)



- Cyan (48%)
- Magenta (0%)
- Yellow (39%)
- Black (42%)



- Cyan (70%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9359 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 4C9359 by changing the saturation by 10% instead.



4C9359



4C9359

FFFFFF



317941



81CA8C



13602A



9CE6A6



004714



B8FFC1



003000



D5FFDD



001B00



F2FFFA



000000



4C9359



4C9359



3D934D



5B9365



2F9341



699371

■ 209335

■ 78937D

■ 119329

■ 879389

■ 03931D

■ 969395

■ 00931B

■ A493A1

■ B393AD

■ C293B9

■ D093C5

Harmonies

Analogous

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



7A8C3F



4C9359



00977E

Triad

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



4C9359



2F8ACE



C96766

Complementary

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



4C9359



934C86

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.



C6658B



4C9359



7E7CC7

Square

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



4C9359



0092C1



AD6EAE



BA7348

Rectangle

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



4C9359



009797



AD6EAE



CA6572

Sweetspot

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



4C9359



A4BFA9



87934C



506153



E0E0E0



616161

Same Dimension

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



4C9359



50BF65



4C937B



434A44



008A19



000A02

Inverse Universe

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



934C86



BF50AB



934C64



4A4349



8A0070



0A0008

Previews

White Background



This preview shows how the Hex color 4C9359 looks on a white background.

Color Contrast Check

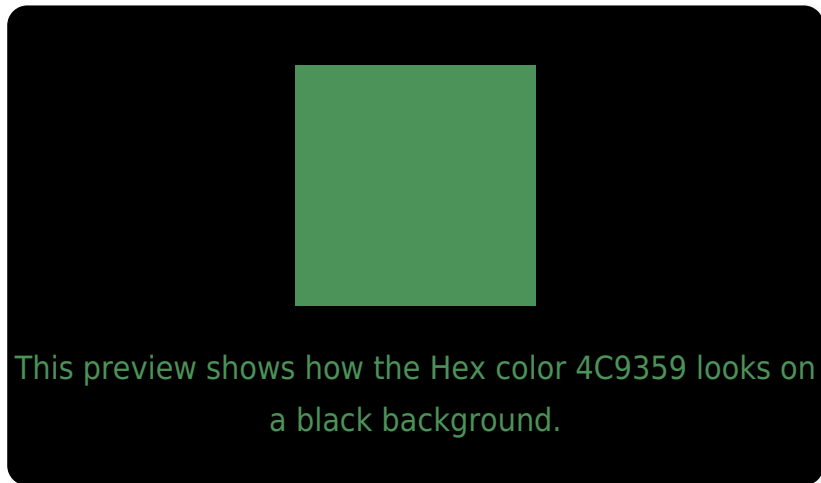
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C9359 Background



This preview shows how black text looks on a background with the Hex color 4C9359.



This preview shows how white text looks on a background with the Hex color 4C9359.

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
5A8C97

Trichromacy



Original Color
4C9359

Protanomaly
778955

Deuteranomaly
7F865C

Tritanomaly
558F80

Monochromacy



Original Color
4C9359

Achromatopsia
777777

Achromatomaly
67816C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9359 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 #4C9359 looks like.

```
.text, #text, p{  
    color:#4C9359  
}
```

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 #4C9359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9359
}
```

Border

The CSS property to change the border of an element to Hex 4C9359 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
#4C9359 }
```

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

```
.border{ border-color:#4C9359 }
```

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

Here you see how a box with a 4 pixel #4C9359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9359; -webkit-box-shadow:4px 4px  
4px 4px #4C9359; box-shadow:4px 4px 4px  
4px #4C9359 }
```

Background

The CSS property to change the background color of an element to Hex 4C9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9359 }
```

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

```
.background{ background-color:#4C9359 }
```

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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