

Converting Colors

Hex(4C9175)

Have a look what the booklet for
Hex(4C9175) contains.

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Color

Hex(4C9175)

Conversions

Conversions Part 1

Format	Color
Hex	4C9175
RGB	76, 145, 117
RGB Percent	30%, 57%, 46%
CMY	0.7020, 0.4314, 0.5412
CMYK	0.48, 0.00, 0.19, 0.43
HSL	156°, 31%, 43%
HSV	156°, 48%, 57%
XYZ	16.3168, 23.0717, 20.4229
YIQ	121.1770, -32.1360, -23.3360

Conversions

Conversions Part 2

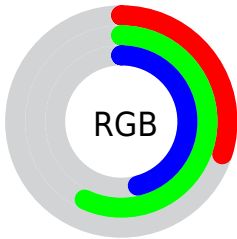
Format	Color
RYB	76, 119, 145
Decimal	5017973
CIELab	55.15, -28.78, 8.18
CIElCh	55, 29.917, 164.131
Yxy	23.0717, 0.2728, 0.3857
Android (android.graphics.Color)	4283208053 (0xFF4C9175)
YUV	121.1770, -2.0593, -39.6202
Hunter-Lab	48.0330, -23.4213, 8.4138

Details

The Hex color **4C9175** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **914C68**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **81C7A9**, and **145E45** is the 20% darker color. If you saturate the color by 10%, you get **3E916F**, and if you desaturate by 10%, it is **5B917B**.

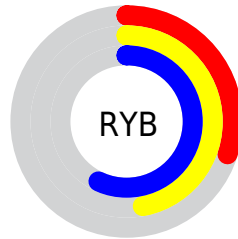
Distribution



Red (30%)

Green (57%)

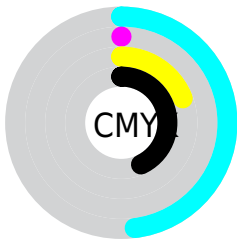
Blue (46%)



Red (30%)

Yellow (47%)

Blue (57%)

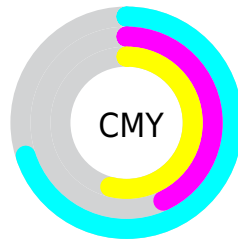


Cyan (48%)

Magenta (0%)

Yellow (19%)

Black (43%)



Cyan (70%)

Magenta (43%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9175 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 4C9175 by changing the saturation by 10% instead.



4C9175



4C9175

FFFFFF



32775C



81C7A9



145E45



9CE4C4



00462E



B8FFE0



002F1A



D4FFFD



001B00



F1FFFF



000000



4C9175



4C9175



3E916F



5B917B



2F9169



699181

■ 219163

■ 779187

■ 12915D

■ 86918D

■ 049158

■ 949192

■ 009156

■ A39198

■ B1919E

■ C091A4

■ CF91AA

Harmonies

Analogous

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



6C8D5E



4C9175



2B9290

Triad

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



4C9175



7382B6



B27561

Complementary

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



4C9175



914C68

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.



B77079



4C9175



9779A9

Square

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



4C9175



488BB5



AE7293



A17E52

Rectangle

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



4C9175



1E91A0



AE7293



B57368

Sweetspot

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



4C9175



A2BDB2



69914C



4E5E58



DEDEDE



5E5E5E

Same Dimension

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



4C9175



51BD91



4C8B91



404745



008750



000805

Inverse Universe

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



914C68



BD517D



91524C



474043



870037



080003

Previews

White Background



This preview shows how the Hex color 4C9175 looks on a white background.

Color Contrast Check

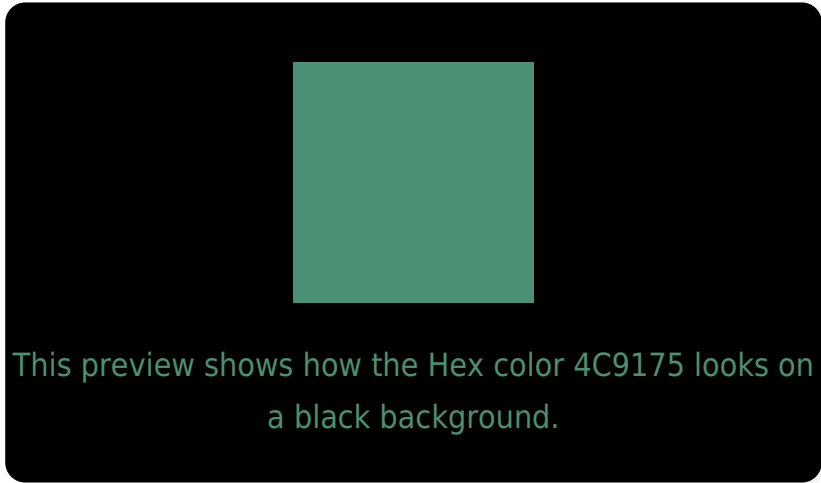
Large Text (above 18pt) WCAG AA ✓ Pass

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

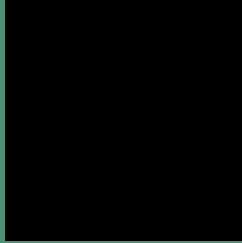
Any Text WCAG AA ✓ Pass

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 4C9175 Background



This preview shows how black text looks on a background with the Hex color 4C9175.



This preview shows how white text looks on a background with the Hex color 4C9175.

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



Original Color
4C9175

Protanopia
8A836E

Deuteranopia
947F79



Tritanopia
558C98

Trichromacy



Original Color
4C9175

Protanomaly
738871

Deuteranomaly
7A8678

Tritanomaly
528E8B

Monochromacy



Original Color
4C9175

Achromatopsia
797979

Achromatomaly
698278

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9175 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 #4C9175 looks like.

```
.text, #text, p{  
    color:#4C9175  
}
```

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 #4C9175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9175
}
```

Border

The CSS property to change the border of an element to Hex 4C9175 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
#4C9175 }
```

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

```
.border{ border-color:#4C9175 }
```

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

Here you see how a box with a 4 pixel #4C9175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9175; -webkit-box-shadow:4px 4px  
4px 4px #4C9175; box-shadow:4px 4px 4px  
4px #4C9175 }
```

Background

The CSS property to change the background color of an element to Hex 4C9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9175 }
```

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

```
.background{ background-color:#4C9175 }
```

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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