

Converting Colors

Hex(4C9131)

Have a look what the booklet for
Hex(4C9131) contains.

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Color

Hex(4C9131)

Conversions

Conversions Part 1

Format	Color
Hex	4C9131
RGB	76, 145, 49
RGB Percent	30%, 57%, 19%
CMY	0.7020, 0.4314, 0.8078
CMYK	0.48, 0.00, 0.66, 0.43
HSL	103°, 49%, 38%
HSV	103°, 66%, 57%
XYZ	13.6603, 22.0090, 6.4339
YIQ	113.4250, -10.3080, -44.4840

Conversions

Conversions Part 2

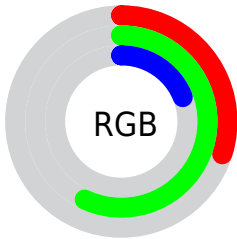
Format	Color
R_{YB}	49, 145, 118
Decimal	5017905
CIE _{Lab}	54.04, -39.98, 42.85
CIE _{LCh}	54, 58.605, 133.011
Yxy	22.0090, 0.3244, 0.5227
Android (android.graphics.Color)	4283207985 (0xFF4C9131)
YUV	113.4250, -31.7615, -32.8217
Hunter-Lab	46.9138, -30.1239, 24.7084

Details

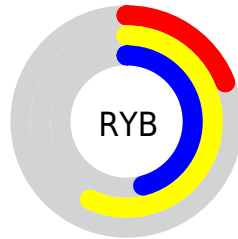
The Hex color **4C9131** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **763191**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **82C864**, and **0F5E00** is the 20% darker color. If you saturate the color by 10%, you get **429122**, and if you desaturate by 10%, it is **56913F**.

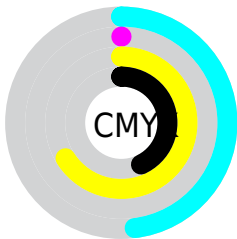
Distribution



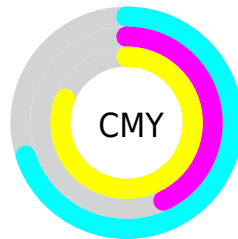
- Red (30%)
- Green (57%)
- Blue (19%)



- Red (19%)
- Yellow (57%)
- Blue (46%)



- Cyan (48%)
- Magenta (0%)
- Yellow (66%)
- Black (43%)



- Cyan (70%)
- Magenta (43%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9131 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 4C9131 by changing the saturation by 10% instead.



4C9131



4C9131

FFFFFF



307716



82C864



0F5E00



9EE47E



004500



BAFF99



002E00



D7FFB4



001700



F4FFD0



000000



FFFFED



4C9131



4C9131



429122



56913F

■ 379114

■ 61914E

■ 2D9105

■ 6B915C

■ 299100

■ 76916B

■ 80917A

■ 8B9188

■ 959197

■ 9F91A5

■ AA91B3

Harmonies

Analogous

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



868608



4C9131



009762

Triad

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



4C9131



008FE2



DC4F6D

Complementary

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



4C9131



763191

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.



CD55A0



4C9131



4080E4

Square

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



4C9131



0097C5



9F6ACC



D15F3E

Rectangle

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



4C9131



009985



9F6ACC



DA4E7E

Sweetspot

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



4C9131



A2BD97



917631



4E5E48



DEDEDE



5E5E5E

Same Dimension

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



4C9131



52BD28



319146



424740



268700



020800

Inverse Universe

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



763191



9328BD



91317C



454047



610087



050008

Previews

White Background



This preview shows how the Hex color 4C9131 looks on a white background.

Color Contrast Check

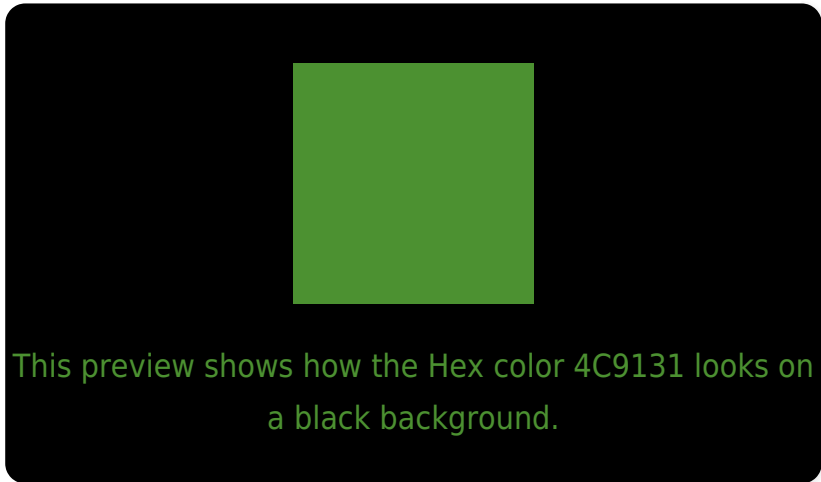
Large Text (above 18pt) WCAG AA ✓ Pass

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

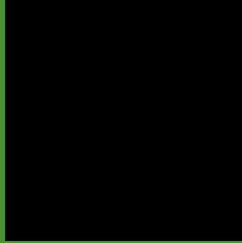
Any Text WCAG AA ✓ Pass

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 4C9131 Background



This preview shows how black text looks on a background with the Hex color 4C9131.



This preview shows how white text looks on a background with the Hex color 4C9131.

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
4C9131

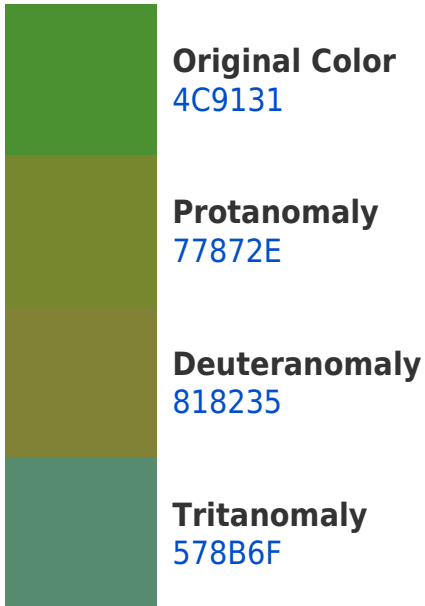
Protanopia
90812D

Deuteranopia
9F7A38



Tritanopia
5D8892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9131 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 #4C9131 looks like.

```
.text, #text, p{  
    color:#4C9131  
}
```

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 #4C9131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9131
}
```

Border

The CSS property to change the border of an element to Hex 4C9131 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
#4C9131 }
```

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

```
.border{ border-color:#4C9131 }
```

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

Here you see how a box with a 4 pixel #4C9131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9131; -webkit-box-shadow:4px 4px  
4px 4px #4C9131; box-shadow:4px 4px 4px  
4px #4C9131 }
```

Background

The CSS property to change the background color of an element to Hex 4C9131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9131 }
```

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

```
.background{ background-color:#4C9131 }
```

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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