

Converting Colors

Hex(4C9121)

Have a look what the booklet for
Hex(4C9121) contains.

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Color

Hex(4C9121)

Conversions

Conversions Part 1

Format	Color
Hex	4C9121
RGB	76, 145, 33
RGB Percent	30%, 57%, 13%
CMY	0.7020, 0.4314, 0.8706
CMYK	0.48, 0.00, 0.77, 0.43
HSL	97°, 63%, 35%
HSV	97°, 77%, 57%
XYZ	13.3804, 21.8971, 4.9602
YIQ	111.6010, -5.1720, -49.4600

Conversions

Conversions Part 2

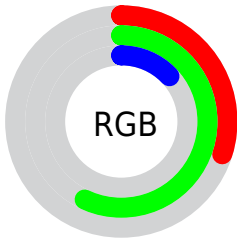
Format	Color
R_{YB}	33, 145, 102
Decimal	5017889
CIE Lab	53.92, -41.27, 49.12
CIE LCh	54, 64.152, 130.034
Yxy	21.8971, 0.3325, 0.5442
Android (android.graphics.Color)	4283207969 (0xFF4C9121)
YUV	111.6010, -38.7503, -31.2221
Hunter-Lab	46.7943, -30.8497, 26.4713

Details

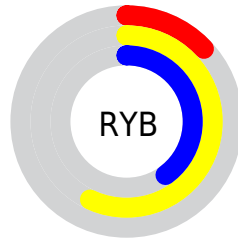
The Hex color **4C9121** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **662191**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **83C856**, and **0C5E00** is the 20% darker color. If you saturate the color by 10%, you get **439113**, and if you desaturate by 10%, it is **55912F**.

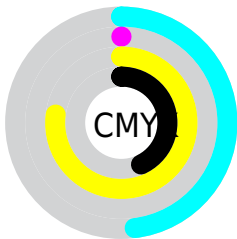
Distribution



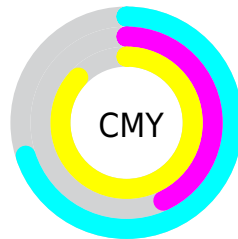
- Red (30%)
- Green (57%)
- Blue (13%)



- Red (13%)
- Yellow (57%)
- Blue (40%)



- Cyan (48%)
- Magenta (0%)
- Yellow (77%)
- Black (43%)



- Cyan (70%)
- Magenta (43%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9121 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 4C9121 by changing the saturation by 10% instead.



4C9121



4C9121

FFFFFF



307700



83C856



0C5E00



9FE470



004500



BBFF8B



002E00



D8FFA6



001600



F5FFC2



000000



FFFFDF



FFFFFC



4C9121



4C9121

■ 439113

■ 55912F

■ 3A9104

■ 5E913E

■ 389100

■ 67914D

■ 70915B

■ 79916A

■ 829178

■ 8B9187

■ 939195

■ 9C91A4

Harmonies

Analogous

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



8A8400



4C9121



009859

Triad

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



4C9121



0091E9



E34671

Complementary

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



4C9121



662191

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.



D04FA8



4C9121



0081EF

Square

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



4C9121



0099C7



9A69D6



D9573C

Rectangle

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



4C9121



009A7F



9A69D6



E04683

Sweetspot

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



4C9121



A2BD91



916421



4E5E44



DEDEDE



5E5E5E

Same Dimension

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



4C9121



51BD0D



21912C



434740



348700



030800

Inverse Universe

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



662191



790DBD



912186



454047



530087



050008

Previews

White Background



This preview shows how the Hex color 4C9121 looks on a white background.

Color Contrast Check

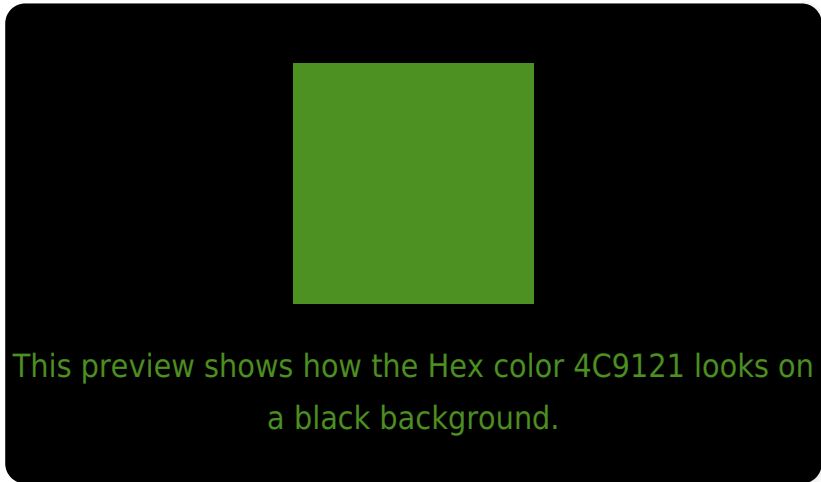
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C9121 Background



This preview shows how black text looks on a background with the Hex color 4C9121.



This preview shows how white text looks on a background with the Hex color 4C9121.

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
4C9121

Protanopia
90811D

Deuteranopia
A07A2B



Tritanopia
5E8792

Trichromacy



Original Color
4C9121

Protanomaly
77871E

Deuteranomaly
818227

Tritanomaly
578B69

Monochromacy



Original Color
4C9121

Achromatopsia
707070

Achromatomaly
637C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9121 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 #4C9121 looks like.

```
.text, #text, p{  
    color:#4C9121  
}
```

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 #4C9121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9121
}
```

Border

The CSS property to change the border of an element to Hex 4C9121 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
#4C9121 }
```

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

```
.border{ border-color:#4C9121 }
```

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

Here you see how a box with a 4 pixel #4C9121 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9121; -webkit-box-shadow:4px 4px  
4px 4px #4C9121; box-shadow:4px 4px 4px  
4px #4C9121 }
```

Background

The CSS property to change the background color of an element to Hex 4C9121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9121 }
```

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

```
.background{ background-color:#4C9121 }
```

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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