

Converting Colors

Hex(5CA217)

Have a look what the booklet for
Hex(5CA217) contains.

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Color

Hex(5CA217)

Conversions

Conversions Part 1

Format	Color
Hex	5CA217
RGB	92, 162, 23
RGB Percent	36%, 64%, 9%
CMY	0.6392, 0.3647, 0.9098
CMYK	0.43, 0.00, 0.86, 0.36
HSL	90°, 75%, 36%
HSV	90°, 86%, 64%
XYZ	17.4886, 28.1778, 5.3277
YIQ	125.2240, 2.8990, -58.0690

Conversions

Conversions Part 2

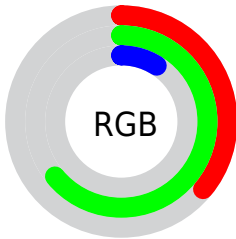
Format	Color
R_{YB}	23, 162, 93
Decimal	6070807
CIE _{Lab}	60.05, -43.41, 57.97
CIE _{LCh}	60, 72.421, 126.829
Yxy	28.1778, 0.3430, 0.5526
Android (android.graphics.Color)	4284260887 (0xFF5CA217)
YUV	125.2240, -50.3964, -29.1374
Hunter-Lab	53.0828, -34.0864, 31.2072

Details

The Hex color **5CA217** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5D17A2**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **94D952**, and **206E00** is the 20% darker color. If you saturate the color by 10%, you get **54A207**, and if you desaturate by 10%, it is **64A227**.

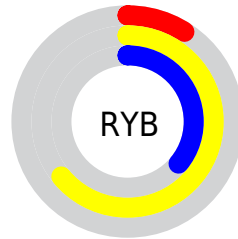
Distribution



Red (36%)

Green (64%)

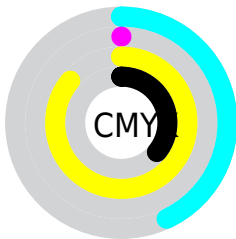
Blue (9%)



Red (9%)

Yellow (64%)

Blue (36%)

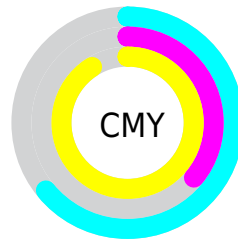


Cyan (43%)

Magenta (0%)

Yellow (86%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA217 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 5CA217 by changing the saturation by 10% instead.



5CA217



5CA217

FFFFFF



408700



94D952



206E00



B1F66D



005500



CEFF89



003D00



EBFFA4



002800



FFFFC1



000000



FFFFDD



FFFFFB



5CA217



5CA217

■ 54A207

■ 64A227

■ 50A200

■ 6CA237

■ 74A248

■ 7DA258

■ 85A268

■ 8DA278

■ 95A288

■ 9DA299

■ A5A2A9

Harmonies

Analogous

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



A19300



5CA217



00AA5B

Triad

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



5CA217



00A5FF



FF4A85

Complementary

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



5CA217



5D17A2

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.



E759C4



5CA217



0094FF

Square

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



5CA217



00ACDC



A379F8



F85D47

Rectangle

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



5CA217



00AD88



A379F8



FC4B9A

Sweetspot

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



5CA217



B8D49D



A25D17



5A6B4A



EBEBEB



6B6B6B

Same Dimension

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



5CA217



69D400



17A217



4D5249



489100



091200

Inverse Universe

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



5D17A2



6B00D4



A217A2



4E4952



490091



090012

Previews

White Background



This preview shows how the Hex color 5CA217 looks on a white background.

Color Contrast Check

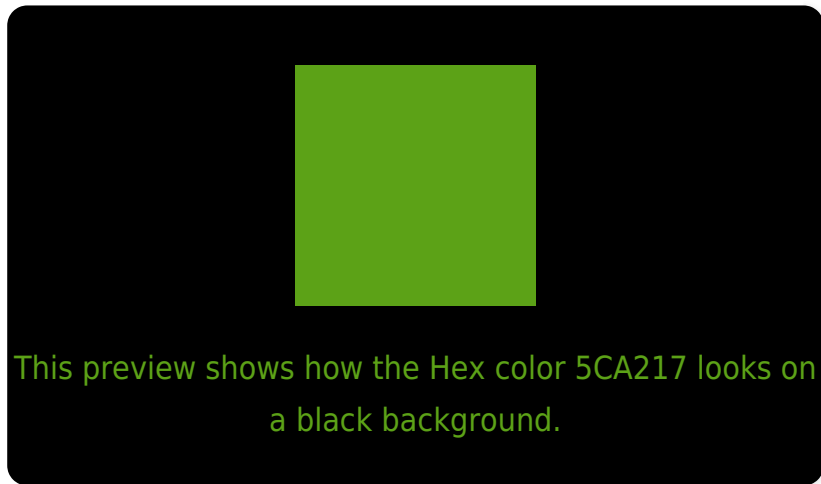
Large Text (above 18pt) WCAG AA ✓ Pass

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 5CA217 Background



This preview shows how black text looks on a background with the Hex color 5CA217.

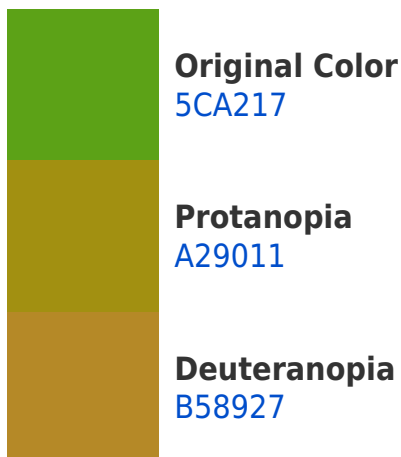


This preview shows how white text looks on a background with the Hex color 5CA217.

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](#).

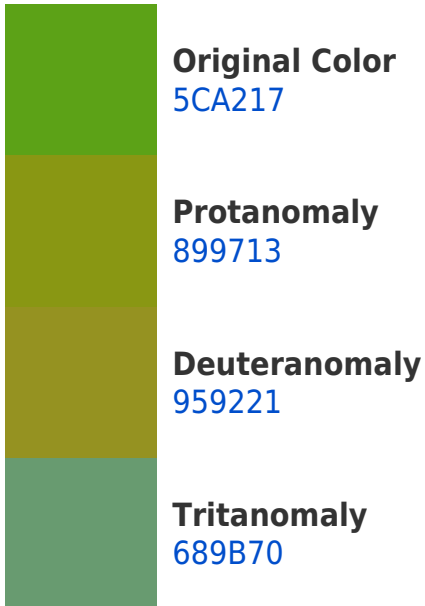
Dichromacy





Tritanopia
6F97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA217 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 #5CA217 looks like.

```
.text, #text, p{  
    color:#5CA217  
}
```

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 #5CA217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA217
}
```

Border

The CSS property to change the border of an element to Hex 5CA217 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
#5CA217 }
```

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

```
.border{ border-color:#5CA217 }
```

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

Here you see how a box with a 4 pixel #5CA217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA217; -webkit-box-shadow:4px 4px  
4px 4px #5CA217; box-shadow:4px 4px 4px  
4px #5CA217 }
```

Background

The CSS property to change the background color of an element to Hex 5CA217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA217 }
```

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

```
.background{ background-color:#5CA217 }
```

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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