

Converting Colors

Hex(5E9427)

Have a look what the booklet for
Hex(5E9427) contains.

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Color

Hex(5E9427)

Conversions

Conversions Part 1

Format	Color
Hex	5E9427
RGB	94, 148, 39
RGB Percent	37%, 58%, 15%
CMY	0.6314, 0.4196, 0.8471
CMYK	0.36, 0.00, 0.74, 0.42
HSL	90°, 58%, 37%
HSV	90°, 74%, 58%
XYZ	15.5722, 23.7060, 5.6744
YIQ	119.4280, 2.8050, -45.3470

Conversions

Conversions Part 2

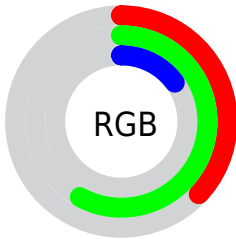
Format	Color
RYB	39, 148, 93
Decimal	6198311
CIELab	55.79, -35.85, 49.07
CIElCh	56, 60.777, 126.153
Yxy	23.7060, 0.3464, 0.5274
Android (android.graphics.Color)	4284388391 (0xFF5E9427)
YUV	119.4280, -39.6510, -22.3004
Hunter-Lab	48.6888, -28.1154, 27.1722

Details

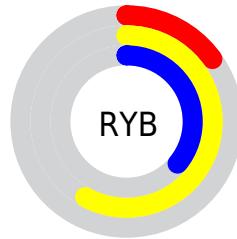
The Hex color **5E9427** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5D2794**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **94CA5C**, and **286100** is the 20% darker color. If you saturate the color by 10%, you get **579418**, and if you desaturate by 10%, it is **659436**.

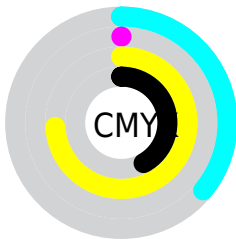
Distribution



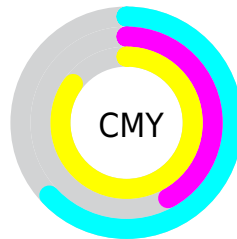
- Red (37%)
- Green (58%)
- Blue (15%)



- Red (15%)
- Yellow (58%)
- Blue (36%)



- Cyan (36%)
- Magenta (0%)
- Yellow (74%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E9427 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 5E9427 by changing the saturation by 10% instead.



5E9427



5E9427

FFFFFF



437A05



94CA5C



286100



B0E776



074800



CDFF91



003100



EAFFAC



001D00



FFFFC8



000000



FFFFE5



5E9427



5E9427



579418



659436

■ 4F9409

■ 6D9445

■ 4B9400

■ 749453

■ 7B9462

■ 839471

■ 8A9480

■ 91948F

■ 99949D

■ A094AC

Harmonies

Analogous

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



968700



5E9427



009B59

Triad

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



5E9427



0096E6



E4507D

Complementary

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



5E9427



5D2794

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.



CD5BB1



5E9427



0088EF

Square

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



5E9427



009DC3



9573DC



DD5D4A

Rectangle

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



5E9427



009E7D



9573DC



E0518F

Sweetspot

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



5E9427



AABF95



945C27



546148



E0E0E0



616161

Same Dimension

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



5E9427



6CBF17



299427



464A43



458A00



050A00

Inverse Universe

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



5D2794



6A17BF



922794



46434A



44008A



05000A

Previews

White Background



This preview shows how the Hex color 5E9427 looks on a white background.

Color Contrast Check

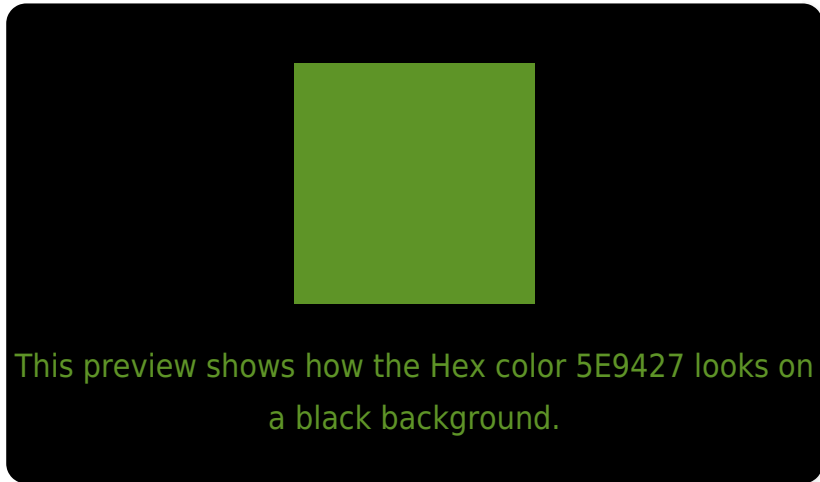
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E9427 Background



This preview shows how black text looks on a background with the Hex color 5E9427.

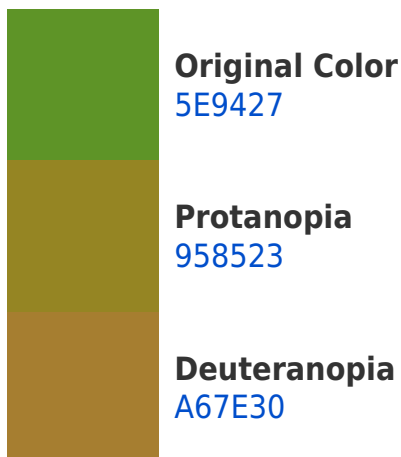



This preview shows how white text looks on a background with the Hex color 5E9427.

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
6D8A95

Trichromacy



Original Color
5E9427

Protanomaly
818A24

Deuteranomaly
8C862D

Tritanomaly
688E6D

Monochromacy



Original Color
5E9427

Achromatopsia
777777

Achromatomaly
6E825A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E9427 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 #5E9427 looks like.

```
.text, #text, p{  
    color:#5E9427  
}
```

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 #5E9427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9427  
}
```

Border

The CSS property to change the border of an element to Hex 5E9427 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  
#5E9427 }
```

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

```
.border{ border-color:#5E9427 }
```

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

Here you see how a box with a 4 pixel #5E9427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9427; -webkit-box-shadow:4px 4px  
4px 4px #5E9427; box-shadow:4px 4px 4px  
4px #5E9427 }
```

Background

The CSS property to change the background color of an element to Hex 5E9427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9427 }
```

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

```
.background{ background-color:#5E9427 }
```

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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