

Converting Colors

Hex(5D9E2F)

Have a look what the booklet for
Hex(5D9E2F) contains.

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Color

Hex(5D9E2F)

Conversions

Conversions Part 1

Format	Color
Hex	5D9E2F
RGB	93, 158, 47
RGB Percent	36%, 62%, 18%
CMY	0.6353, 0.3804, 0.8157
CMYK	0.41, 0.00, 0.70, 0.38
HSL	95°, 54%, 40%
HSV	95°, 70%, 62%
XYZ	17.2542, 26.9861, 6.9888
YIQ	125.9110, -3.1090, -48.3010

Conversions

Conversions Part 2

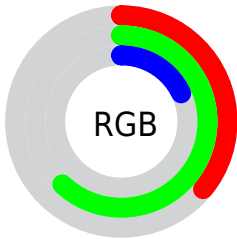
Format	Color
R_{YB}	47, 158, 112
Decimal	6135343
CIE _{Lab}	58.96, -40.00, 49.17
CIE _{LCh}	59, 63.382, 129.130
Yxy	26.9861, 0.3368, 0.5268
Android (android.graphics.Color)	4284325423 (0xFF5D9E2F)
YUV	125.9110, -38.9031, -28.8629
Hunter-Lab	51.9482, -31.6220, 28.3872

Details

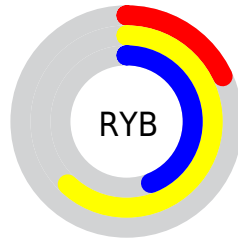
The Hex color **5D9E2F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **702F9E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **94D563**, and **256A00** is the 20% darker color. If you saturate the color by 10%, you get **549E1F**, and if you desaturate by 10%, it is **669E3F**.

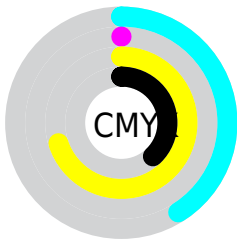
Distribution



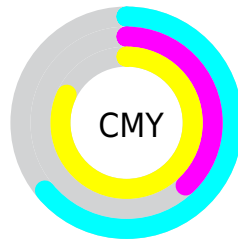
- Red (36%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (44%)



- Cyan (41%)
- Magenta (0%)
- Yellow (70%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9E2F 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 5D9E2F by changing the saturation by 10% instead.

 5D9E2F

 5D9E2F

FFFFFF

 428411

 94D563

 256A00

 B0F27E

 005100

 CDFF99

 003900

 EAFFB4

 002500

 FFFFD1

 000000

 FFFFED

 5D9E2F

 5D9E2F

 549E1F

 669E3F

■ 4A9E0F

■ 709E4F

■ 419E00

■ 799E5E

■ 829E6E

■ 8B9E7E

■ 959E8E

■ 9E9E9E

■ A79EAD

■ B09EBD

Harmonies

Analogous

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



9A9102



5D9E2F



00A564

Triad

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



5D9E2F



009EF6



F2567F

Complementary

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



5D9E2F



702F9E

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.



DD5FB7



5D9E2F



248FFC

Square

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



5D9E2F



00A6D3



A677E5



E8654A

Rectangle

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



5D9E2F



00A88A



A677E5



EE5692

Sweetspot

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



5D9E2F



B5CFA3



9E702F



59694E



E8E8E8



696969

Same Dimension

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



5D9E2F



69CF21



2F9E38



4A4F47



3B8F00



060F00

Inverse Universe

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



702F9E



8721CF



9E2F95



4C474F



54008F



09000F

Previews

White Background



This preview shows how the Hex color 5D9E2F looks on a white background.

Color Contrast Check

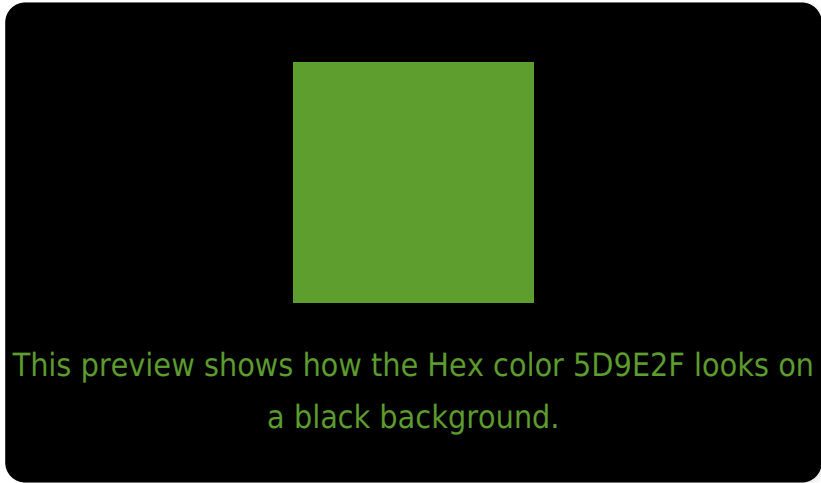
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D9E2F Background



This preview shows how black text looks on a background with the Hex color 5D9E2F.

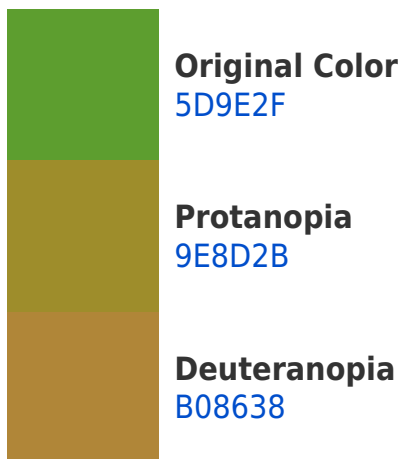


This preview shows how white text looks on a background with the Hex color 5D9E2F.

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
6E949F

Trichromacy



Original Color
5D9E2F

Protanomaly
86932C

Deuteranomaly
928F35

Tritanomaly
689876

Monochromacy



Original Color
5D9E2F

Achromatopsia
7E7E7E

Achromatomaly
728A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9E2F 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 #5D9E2F looks like.

```
.text, #text, p{  
    color:#5D9E2F  
}
```

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 #5D9E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9E2F
}
```

Border

The CSS property to change the border of an element to Hex 5D9E2F 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
#5D9E2F }
```

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

```
.border{ border-color:#5D9E2F }
```

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

Here you see how a box with a 4 pixel #5D9E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9E2F; -webkit-box-shadow:4px 4px  
4px 4px #5D9E2F; box-shadow:4px 4px 4px  
4px #5D9E2F }
```

Background

The CSS property to change the background color of an element to Hex 5D9E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9E2F }
```

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

```
.background{ background-color:#5D9E2F }
```

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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