

Converting Colors

Hex(6D941A)

Have a look what the booklet for
Hex(6D941A) contains.

Hex(6D941A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D941A)

Conversions

Conversions Part 1

Format	Color
Hex	6D941A
RGB	109, 148, 26
RGB Percent	43%, 58%, 10%
CMY	0.5725, 0.4196, 0.8980
CMYK	0.26, 0.00, 0.82, 0.42
HSL	79°, 70%, 34%
HSV	79°, 82%, 58%
XYZ	17.0830, 24.5056, 4.8070
YIQ	122.4310, 15.9180, -46.2100

Conversions

Conversions Part 2

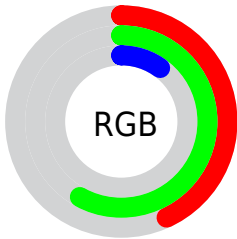
Format	Color
R _Y B	26, 148, 65
Decimal	7181338
CIE Lab	56.59, -30.72, 54.47
CIE LCh	57, 62.535, 119.421
Yxy	24.5056, 0.3682, 0.5282
Android (android.graphics.Color)	4285371418 (0xFF6D941A)
YUV	122.4310, -47.5405, -11.7790
Hunter-Lab	49.5031, -25.0319, 28.8949

Details

The Hex color **6D941A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **411A94**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A4CA52**, and **386100** is the 20% darker color. If you saturate the color by 10%, you get **68940B**, and if you desaturate by 10%, it is **729429**.

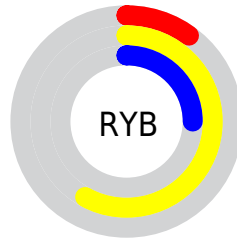
Distribution



Red (43%)

Green (58%)

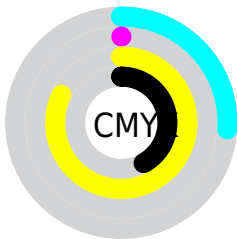
Blue (10%)



Red (10%)

Yellow (58%)

Blue (25%)

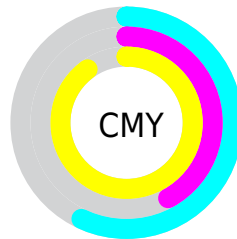


Cyan (26%)

Magenta (0%)

Yellow (82%)

Black (42%)



Cyan (57%)

Magenta (42%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D941A 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 6D941A by changing the saturation by 10% instead.



6D941A



6D941A

FFFFFF



527A00



A4CA52



386100



C0E66D



1C4900



D0FF88



003200



FBFFA3



001F00



FFFFBF



000000



FFFFDC



FFFFF9



6D941A



6D941A

■ 68940B

■ 729429

■ 659400

■ 769438

■ 7B9446

■ 809455

■ 859464

■ 899473

■ 8E9482

■ 939490

■ 98949F

Harmonies

Analogous

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



A38500



6D941A



009D4D

Triad

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



6D941A



009BE5



E6508B

Complementary

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



6D941A



411A94

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.



C860C0



6D941A



008FF5

Square

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



6D941A



00A0BC



847AE7



E65956

Rectangle

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



6D941A



00A072



847AE7



E0539D

Sweetspot

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



6D941A



B0BF8F



94411A



586144



E0E0E0



616161

Same Dimension

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



6D941A



83BF02



30941A



484A43



5E8A00



070A00

Inverse Universe

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



411A94



3E02BF



7E1A94



45434A



2C008A



03000A

Previews

White Background



This preview shows how the Hex color 6D941A looks on a white background.

Color Contrast Check

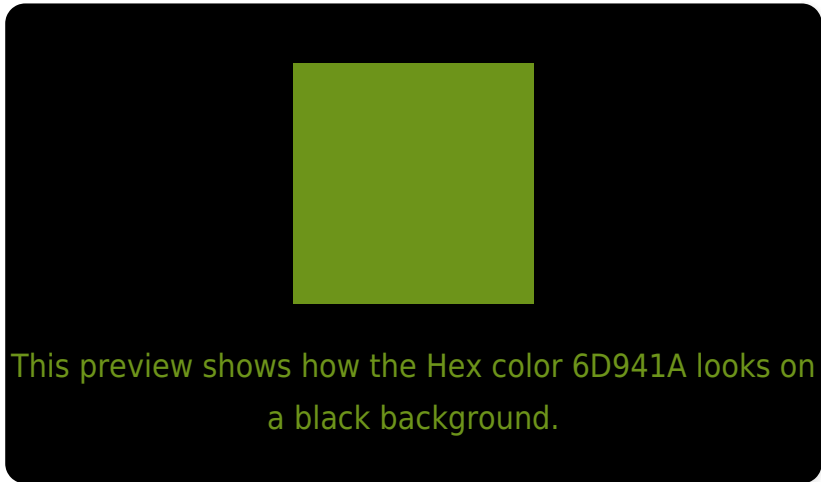
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D941A Background



This preview shows how black text looks on a background with the Hex color 6D941A.



This preview shows how white text looks on a background with the Hex color 6D941A.

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](#).

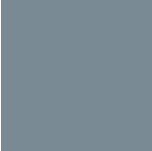
Dichromacy



Original Color
6D941A

Protanopia
988817

Deuteranopia
AA8025



Tritanopia
7A8A95

Trichromacy



Original Color
6D941A

Protanomaly
888C18

Deuteranomaly
948721

Tritanomaly
758E68

Monochromacy



Original Color
6D941A

Achromatopsia
7A7A7A

Achromatomaly
758357

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D941A 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 #6D941A looks like.

```
.text, #text, p{  
    color:#6D941A  
}
```

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 #6D941A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D941A
}
```

Border

The CSS property to change the border of an element to Hex 6D941A 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
#6D941A }
```

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

```
.border{ border-color:#6D941A }
```

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

Here you see how a box with a 4 pixel #6D941A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D941A; -webkit-box-shadow:4px 4px  
4px 4px #6D941A; box-shadow:4px 4px 4px  
4px #6D941A }
```

Background

The CSS property to change the background color of an element to Hex 6D941A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D941A }
```

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

```
.background{ background-color:#6D941A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor