

Converting Colors

Hex(6D9428)

Have a look what the booklet for
Hex(6D9428) contains.

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Color

Hex(6D9428)

Conversions

Conversions Part 1

Format	Color
Hex	6D9428
RGB	109, 148, 40
RGB Percent	43%, 58%, 16%
CMY	0.5725, 0.4196, 0.8431
CMYK	0.26, 0.00, 0.73, 0.42
HSL	82°, 57%, 37%
HSV	82°, 73%, 58%
XYZ	17.2796, 24.5842, 5.8420
YIQ	124.0270, 11.4240, -41.8560

Conversions

Conversions Part 2

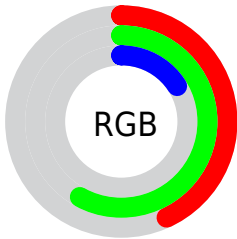
Format	Color
R_{YB}	40, 148, 79
Decimal	7181352
CIE _{Lab}	56.67, -29.98, 49.86
CIE _{LCh}	57, 58.174, 121.016
Yxy	24.5842, 0.3622, 0.5153
Android (android.graphics.Color)	4285371432 (0xFF6D9428)
YUV	124.0270, -41.4253, -13.1787
Hunter-Lab	49.5825, -24.5618, 27.7220

Details

The Hex color **6D9428** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4F2894**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A4CA5D**, and **386100** is the 20% darker color. If you saturate the color by 10%, you get **689419**, and if you desaturate by 10%, it is **729437**.

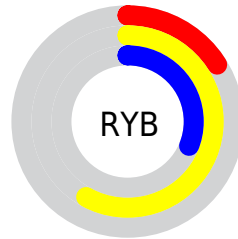
Distribution



Red (43%)

Green (58%)

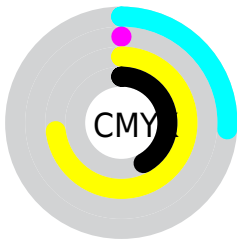
Blue (16%)



Red (16%)

Yellow (58%)

Blue (31%)

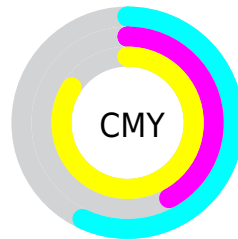


Cyan (26%)

Magenta (0%)

Yellow (73%)

Black (42%)



Cyan (57%)

Magenta (42%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D9428 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 6D9428 by changing the saturation by 10% instead.



6D9428



6D9428

FFFFFF



537A07



A4CA5D



386100



C0E677



1F4900



DCFF92



003200



FAFFAD



001F00



FFFFC9



000000



FFFFE6



6D9428



6D9428



689419



729437

■ 62940A

■ 789446

■ 5F9400

■ 7D9454

■ 829463

■ 889472

■ 8D9481

■ 929490

■ 98949E

■ 9D94AD

Harmonies

Analogous

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



A08612



6D9428



0F9C54

Triad

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



6D9428



009AE0



E15788

Complementary

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



6D9428



4F2894

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.



C663BA



6D9428



008DEE

Square

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



6D9428



009FBB



8A7ADF



E05F57

Rectangle

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



6D9428



009F76



8A7ADF



DC5999

Sweetspot

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



6D9428



B0BF95



944E28



586148



E0E0E0



616161

Same Dimension

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



6D9428



82BF17



389428



474A43



588A00



070A00

Inverse Universe

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



4F2894



5417BF



842894



45434A



32008A



04000A

Previews

White Background



This preview shows how the Hex color 6D9428 looks on a white background.

Color Contrast Check

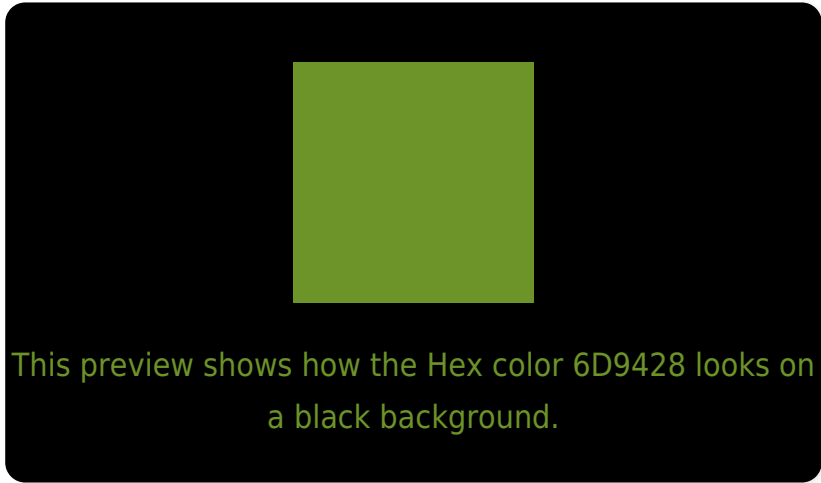
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D9428 Background



This preview shows how black text looks on a background with the Hex color 6D9428.



This preview shows how white text looks on a background with the Hex color 6D9428.

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](#).

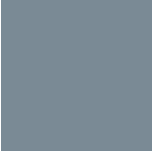
Dichromacy



Original Color
6D9428

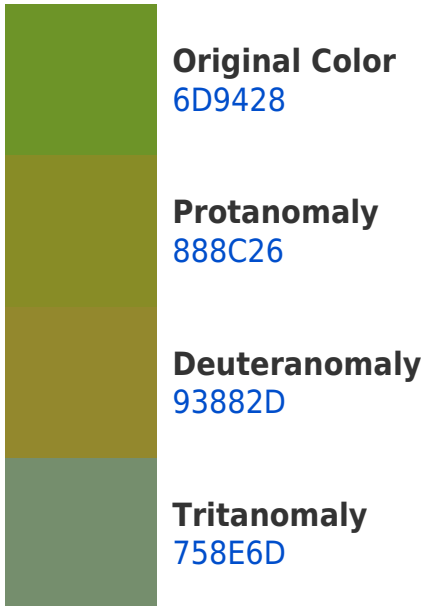
Protanopia
988825

Deuteranopia
A98130

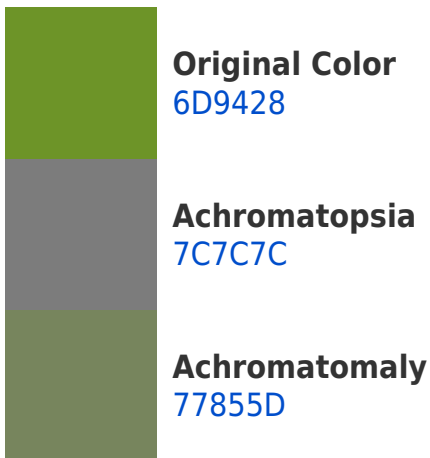


Tritanopia
7A8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D9428 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 #6D9428 looks like.

```
.text, #text, p{  
    color:#6D9428  
}
```

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 #6D9428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D9428
}
```

Border

The CSS property to change the border of an element to Hex 6D9428 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
#6D9428 }
```

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

```
.border{ border-color:#6D9428 }
```

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

Here you see how a box with a 4 pixel #6D9428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D9428; -webkit-box-shadow:4px 4px  
4px 4px #6D9428; box-shadow:4px 4px 4px  
4px #6D9428 }
```

Background

The CSS property to change the background color of an element to Hex 6D9428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D9428 }
```

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

```
.background{ background-color:#6D9428 }
```

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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