

Converting Colors

Hex(6D9616)

Have a look what the booklet for
Hex(6D9616) contains.

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Color

Hex(6D9616)

Conversions

Conversions Part 1

Format	Color
Hex	6D9616
RGB	109, 150, 22
RGB Percent	43%, 59%, 9%
CMY	0.5725, 0.4118, 0.9137
CMYK	0.27, 0.00, 0.85, 0.41
HSL	79°, 74%, 34%
HSV	79°, 85%, 59%
XYZ	17.3578, 25.1218, 4.6932
YIQ	123.1490, 16.6520, -48.5000

Conversions

Conversions Part 2

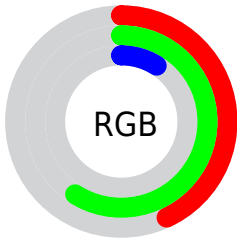
Format	Color
R_{YB}	22, 150, 63
Decimal	7181846
CIE _{Lab}	57.19, -31.82, 56.07
CIE _{LCh}	57, 64.470, 119.570
Yxy	25.1218, 0.3680, 0.5325
Android (android.graphics.Color)	4285371926 (0xFF6D9616)
YUV	123.1490, -49.8665, -12.4087
Hunter-Lab	50.1217, -25.8959, 29.5335

Details

The Hex color **6D9616** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3F1696**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A4CC50**, and **376300** is the 20% darker color. If you saturate the color by 10%, you get **689607**, and if you desaturate by 10%, it is **729625**.

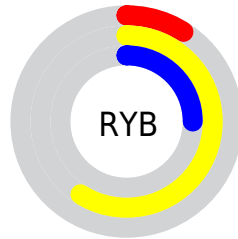
Distribution



Red (43%)

Green (59%)

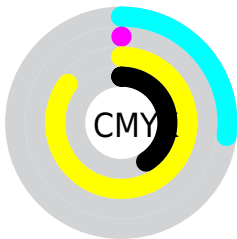
Blue (9%)



Red (9%)

Yellow (59%)

Blue (25%)

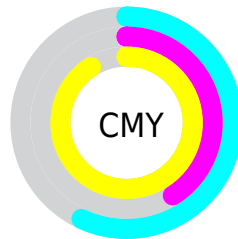


Cyan (27%)

Magenta (0%)

Yellow (85%)

Black (41%)



Cyan (57%)

Magenta (41%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D9616 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 6D9616 by changing the saturation by 10% instead.



6D9616



6D9616

FFFFFF



527C00



A4CC50



376300



C1E96B



1B4B00



DEFF86



003400



FBFFA1



002100



FFFFBD



000000



FFFFDA



FFFFF7



6D9616



6D9616

■ 689607

■ 729625

■ 669600

■ 779634

■ 7B9643

■ 809652

■ 859661

■ 8A9670

■ 8F967F

■ 93968E

■ 98969D

Harmonies

Analogous

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



A58600



6D9616



009F4D

Triad

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



6D9616



009DEA



EB4F8D

Complementary

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



6D9616



3F1696

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.



CC60C3



6D9616



0090FA

Square

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



6D9616



00A3BF



857BEC



EA5855

Rectangle

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



6D9616



00A273



857BEC



E4529F

Sweetspot

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



6D9616



B2C28F



963F16



576143



E0E0E0



616161

Same Dimension

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



6D9616



84C200



2D9616



484A43



5E8A00



070A00

Inverse Universe

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



3F1696



3E00C2



7F1696



45434A



2C008A



03000A

Previews

White Background



This preview shows how the Hex color 6D9616 looks on a white background.

Color Contrast Check

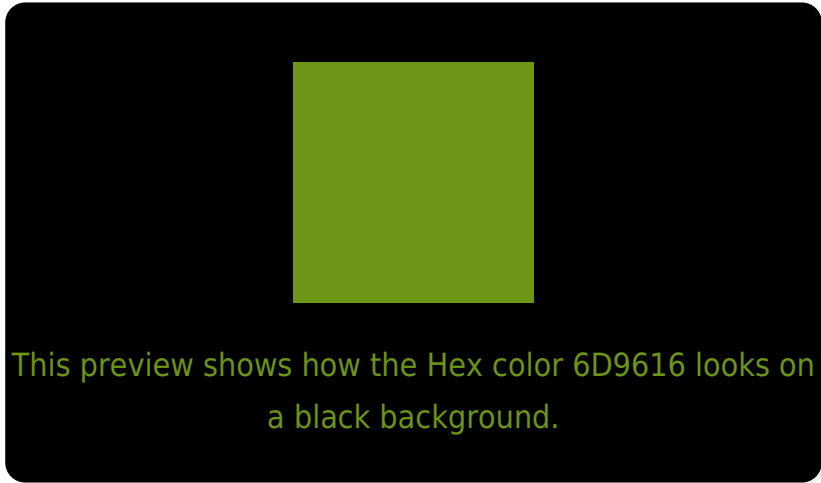
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D9616 Background



This preview shows how black text looks on a background with the Hex color 6D9616.



This preview shows how white text looks on a background with the Hex color 6D9616.

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
6D9616

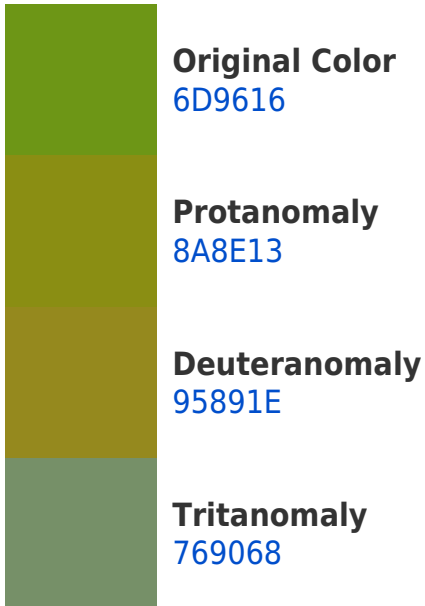
Protanopia
9A8912

Deuteranopia
AC8223



Tritanopia
7B8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D9616 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 #6D9616 looks like.

```
.text, #text, p{  
    color:#6D9616  
}
```

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 #6D9616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D9616
}
```

Border

The CSS property to change the border of an element to Hex 6D9616 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
#6D9616 }
```

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

```
.border{ border-color:#6D9616 }
```

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

Here you see how a box with a 4 pixel #6D9616 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D9616; -webkit-box-shadow:4px 4px  
4px 4px #6D9616; box-shadow:4px 4px 4px  
4px #6D9616 }
```

Background

The CSS property to change the background color of an element to Hex 6D9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D9616 }
```

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

```
.background{ background-color:#6D9616 }
```

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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