

Converting Colors

Hex(6D8218)

Have a look what the booklet for
Hex(6D8218) contains.

Hex(6D8218)	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(6D8218)

Conversions

Conversions Part 1

Format	Color
Hex	6D8218
RGB	109, 130, 24
RGB Percent	43%, 51%, 9%
CMY	0.5725, 0.4902, 0.9059
CMYK	0.16, 0.00, 0.82, 0.49
HSL	72°, 69%, 30%
HSV	72°, 82%, 51%
XYZ	14.4542, 19.2824, 3.8242
YIQ	111.6370, 21.5100, -37.4180

Conversions

Conversions Part 2

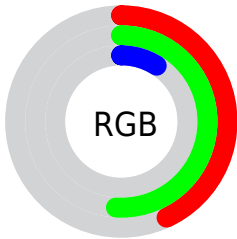
Format	Color
R _Y B	24, 130, 45
Decimal	7176728
CIE Lab	51.02, -21.98, 50.05
CIE LCh	51, 54.661, 113.709
Yxy	19.2824, 0.3848, 0.5134
Android (android.graphics.Color)	4285366808 (0xFF6D8218)
YUV	111.6370, -43.2050, -2.3126
Hunter-Lab	43.9118, -18.0898, 25.5747

Details

The Hex color **6D8218** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2D1882**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A3B74E**, and **3A5100** is the 20% darker color. If you saturate the color by 10%, you get **6A820B**, and if you desaturate by 10%, it is **708225**.

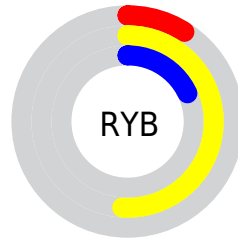
Distribution



Red (43%)

Green (51%)

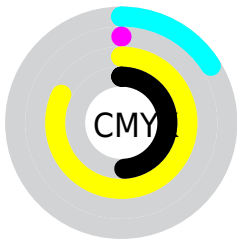
Blue (9%)



Red (9%)

Yellow (51%)

Blue (18%)

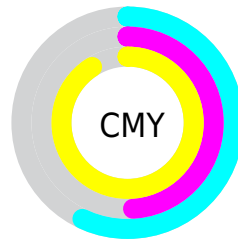


Cyan (16%)

Magenta (0%)

Yellow (82%)

Black (49%)



Cyan (57%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D8218 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 6D8218 by changing the saturation by 10% instead.



6D8218



6D8218

FFFFFF



536900



A3B74E



3A5100



BFD368



203A00



DCEF83



022400



F9FF9E



000700



FFFFB9



000000



FFFFD6



FFFFF3



6D8218



6D8218

■ 6A820B

■ 708225

■ 688200

■ 728232

■ 75823F

■ 77824C

■ 7A8259

■ 7C8266

■ 7F8273

■ 828280

■ 84828D

Harmonies

Analogous

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



99740E



6D8218



2D8B3F

Triad

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



6D8218



008CC4



C84D85

Complementary

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



6D8218



2D1882

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.



A85CB1



6D8218



0082D6

Square

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



6D8218



008F9E



6771CF



CD5057

Rectangle

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



6D8218



008E5E



6771CF



C15195

Sweetspot

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



6D8218



A0A880



822B18



4F543C



D4D4D4



545454

Same Dimension

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



6D8218



88A803



3A8218



3E4039



668000



000000

Inverse Universe

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



2D1882



2403A8



601882



3B3940



190080



000000

Previews

White Background



This preview shows how the Hex color 6D8218 looks on a white background.

Color Contrast Check

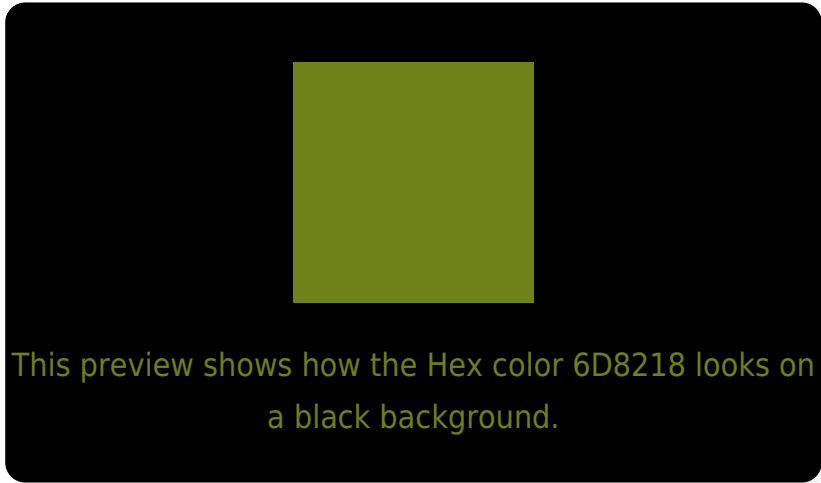
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D8218 Background



This preview shows how black text looks on a background with the Hex color 6D8218.



This preview shows how white text looks on a background with the Hex color 6D8218.

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
6D8218

Protanopia
897A16

Deuteranopia
987320



Tritanopia
777983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D8218 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 #6D8218 looks like.

```
.text, #text, p{  
    color:#6D8218  
}
```

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 #6D8218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8218
}
```

Border

The CSS property to change the border of an element to Hex 6D8218 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
#6D8218 }
```

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

```
.border{ border-color:#6D8218 }
```

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

Here you see how a box with a 4 pixel #6D8218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8218; -webkit-box-shadow:4px 4px  
4px 4px #6D8218; box-shadow:4px 4px 4px  
4px #6D8218 }
```

Background

The CSS property to change the background color of an element to Hex 6D8218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8218 }
```

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

```
.background{ background-color:#6D8218 }
```

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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