

Converting Colors

Hex(6A8A28)

Have a look what the booklet for
Hex(6A8A28) contains.

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Color

Hex(6A8A28)

Conversions

Conversions Part 1

Format	Color
Hex	6A8A28
RGB	106, 138, 40
RGB Percent	42%, 54%, 16%
CMY	0.5843, 0.4588, 0.8431
CMYK	0.23, 0.00, 0.71, 0.46
HSL	80°, 55%, 35%
HSV	80°, 71%, 54%
XYZ	15.4153, 21.3943, 5.3245
YIQ	117.2600, 12.3860, -37.2620

Conversions

Conversions Part 2

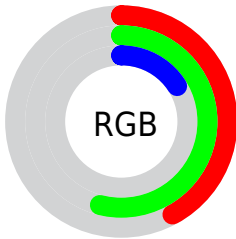
Format	Color
R_{YB}	40, 138, 72
Decimal	6982184
CIE _{Lab}	53.38, -26.37, 46.48
CIE _{LCh}	53, 53.441, 119.570
Yxy	21.3943, 0.3659, 0.5078
Android (android.graphics.Color)	4285172264 (0xFF6A8A28)
YUV	117.2600, -38.0892, -9.8750
Hunter-Lab	46.2540, -21.4548, 25.5526

Details

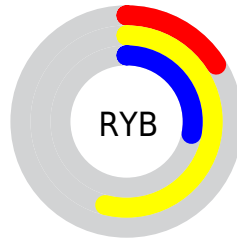
The Hex color **6A8A28** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **48288A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A0C05B**, and **365800** is the 20% darker color. If you saturate the color by 10%, you get **658A1A**, and if you desaturate by 10%, it is **6F8A36**.

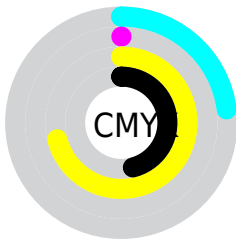
Distribution



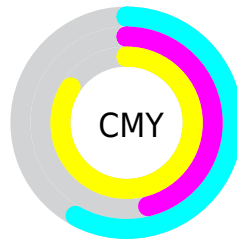
- Red (42%)
- Green (54%)
- Blue (16%)



- Red (16%)
- Yellow (54%)
- Blue (28%)



- Cyan (23%)
- Magenta (0%)
- Yellow (71%)
- Black (46%)



- Cyan (58%)
- Magenta (46%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8A28 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 6A8A28 by changing the saturation by 10% instead.

 6A8A28

 6A8A28

FFFFFF

 50700A

 A0C05B

 365800

 BCDB75

 1D4000

 D8F890

 002A00

 F5FFAB

 001400

 FFFFC7

 000000

 FFFFE4

 6A8A28

 6A8A28

 658A1A

 6F8A36

■ 618A0C

■ 738A44

■ 5D8A00

■ 788A51

■ 7C8A5F

■ 818A6D

■ 858A7B

■ 8A8A89

■ 8E8A96

■ 938AA4

Harmonies

Analogous

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



987D18



6A8A28



22924F

Triad

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



6A8A28



0090CE



D05482

Complementary

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



6A8A28



48288A

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.



B660AF



6A8A28



0085DC

Square

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



6A8A28



0095AC



7E74D0



D05A55

Rectangle

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



6A8A28



00956D



7E74D0



CB5692

Sweetspot

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



6A8A28



A6B38D



8A4728



525943



D9D9D9



595959

Same Dimension

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



6A8A28



81B31B



3A8A28



43453E



598500



030500

Inverse Universe

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



48288A



4C1BB3



78288A



403E45



2B0085



020005

Previews

White Background



This preview shows how the Hex color 6A8A28 looks on a white background.

Color Contrast Check

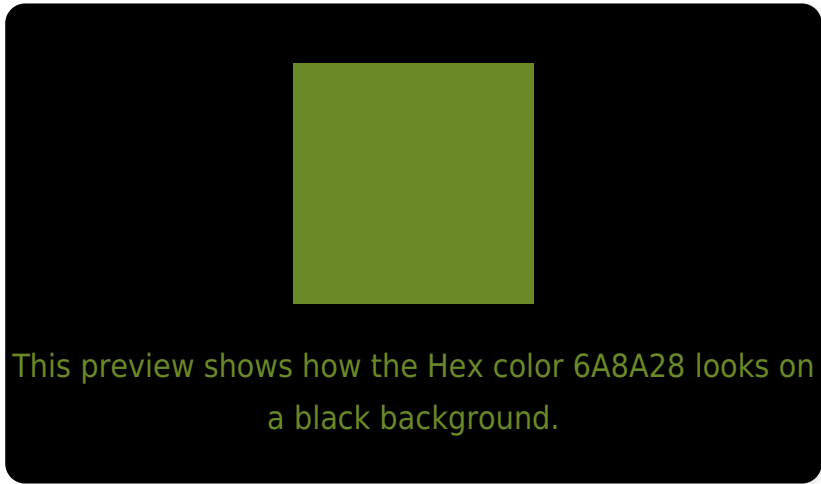
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A8A28 Background



This preview shows how black text looks on a background with the Hex color 6A8A28.



This preview shows how white text looks on a background with the Hex color 6A8A28.

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
6A8A28

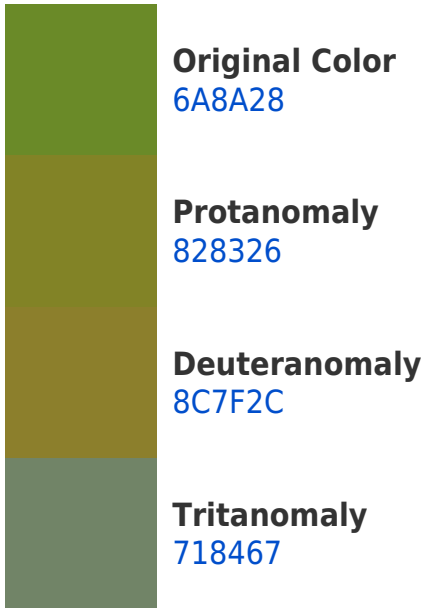
Protanopia
8F7F25

Deuteranopia
9F792E

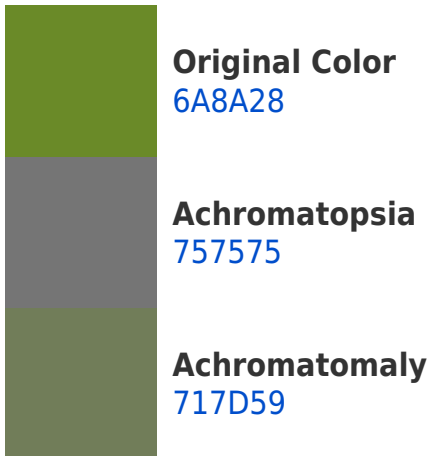


Tritanopia
75818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8A28 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 #6A8A28 looks like.

```
.text, #text, p{  
    color:#6A8A28  
}
```

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 #6A8A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8A28
}
```

Border

The CSS property to change the border of an element to Hex 6A8A28 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
#6A8A28 }
```

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

```
.border{ border-color:#6A8A28 }
```

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

Here you see how a box with a 4 pixel #6A8A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8A28; -webkit-box-shadow:4px 4px  
4px 4px #6A8A28; box-shadow:4px 4px 4px  
4px #6A8A28 }
```

Background

The CSS property to change the background color of an element to Hex 6A8A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8A28 }
```

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

```
.background{ background-color:#6A8A28 }
```

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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