

Converting Colors

Hex(6A8E29)

Have a look what the booklet for
Hex(6A8E29) contains.

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Color

Hex(6A8E29)

Conversions

Conversions Part 1

Format	Color
Hex	6A8E29
RGB	106, 142, 41
RGB Percent	42%, 56%, 16%
CMY	0.5843, 0.4431, 0.8392
CMYK	0.25, 0.00, 0.71, 0.44
HSL	81°, 55%, 36%
HSV	81°, 71%, 56%
XYZ	16.0171, 22.5703, 5.6101
YIQ	119.7220, 10.9650, -39.0430

Conversions

Conversions Part 2

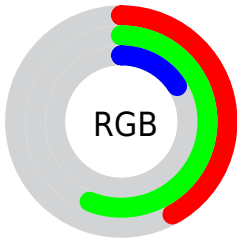
Format	Color
RYB	41, 142, 77
Decimal	6983209
CIELab	54.63, -28.25, 47.35
CIELCh	55, 55.136, 120.823
Yxy	22.5703, 0.3624, 0.5107
Android (android.graphics.Color)	4285173289 (0xFF6A8E29)
YUV	119.7220, -38.8099, -12.0342
Hunter-Lab	47.5082, -22.9591, 26.2543

Details

The Hex color **6A8E29** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4D298E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A0C45D**, and **365B00** is the 20% darker color. If you saturate the color by 10%, you get **658E1B**, and if you desaturate by 10%, it is **6F8E37**.

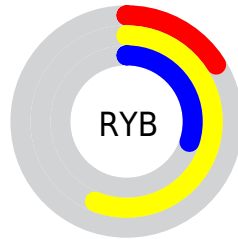
Distribution



Red (42%)

Green (56%)

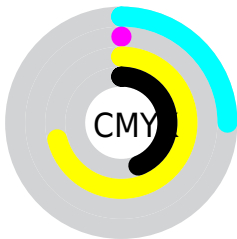
Blue (16%)



Red (16%)

Yellow (56%)

Blue (30%)

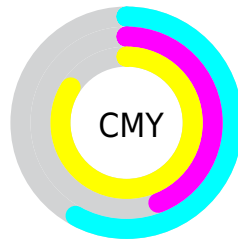


Cyan (25%)

Magenta (0%)

Yellow (71%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8E29 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 6A8E29 by changing the saturation by 10% instead.



6A8E29



6A8E29

FFFFFF



50740A



A0C45D



365B00



BCE077



1D4400



D9FD92



002D00



F6FFAD



001900



FFFFC9



000000



FFFFE5



6A8E29



6A8E29



658E1B



6F8E37

■ 608E0D

■ 748E45

■ 5B8E00

■ 798E54

■ 7E8E62

■ 838E70

■ 888E7E

■ 8D8E8C

■ 928E9B

■ 988EA9

Harmonies

Analogous

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



9A8117



6A8E29



199652

Triad

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



6A8E29



0093D5



D75583

Complementary

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



6A8E29



4D298E

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.



BD61B2



6A8E29



0088E2

Square

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



6A8E29



0099B2



8475D5



D65C55

Rectangle

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



6A8E29



009972



8475D5



D15793

Sweetspot

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



6A8E29



AAB891



8E4C29



545C45



DBDBDB



5C5C5C

Same Dimension

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



6A8E29



80B81C



388E29



454740



578700



050800

Inverse Universe

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



4D298E



531CB8



7F298E



434047



300087



030008

Previews

White Background



This preview shows how the Hex color 6A8E29 looks on a white background.

Color Contrast Check

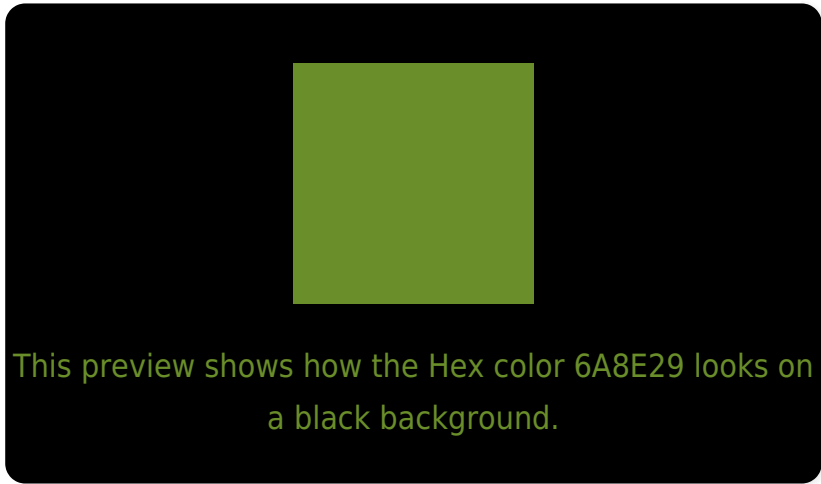
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A8E29 Background



This preview shows how black text looks on a background with the Hex color 6A8E29.



This preview shows how white text looks on a background with the Hex color 6A8E29.

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](#).

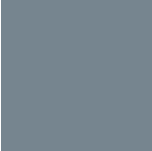
Dichromacy



Original Color
6A8E29

Protanopia
928326

Deuteranopia
A37C30



Tritanopia
76858F

Trichromacy



Original Color
6A8E29

Protanomaly
838727

Deuteranomaly
8E832D

Tritanomaly
72886A

Monochromacy



Original Color
6A8E29

Achromatopsia
787878

Achromatomaly
73805B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8E29 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 #6A8E29 looks like.

```
.text, #text, p{  
    color:#6A8E29  
}
```

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 #6A8E29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8E29
}
```

Border

The CSS property to change the border of an element to Hex 6A8E29 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
#6A8E29 }
```

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

```
.border{ border-color:#6A8E29 }
```

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

Here you see how a box with a 4 pixel #6A8E29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8E29; -webkit-box-shadow:4px 4px  
4px 4px #6A8E29; box-shadow:4px 4px 4px  
4px #6A8E29 }
```

Background

The CSS property to change the background color of an element to Hex 6A8E29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8E29 }
```

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

```
.background{ background-color:#6A8E29 }
```

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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