

Converting Colors

Hex(6C8D41)

Have a look what the booklet for
Hex(6C8D41) contains.

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Color

Hex(6C8D41)

Conversions

Conversions Part 1

Format	Color
Hex	6C8D41
RGB	108, 141, 65
RGB Percent	42%, 55%, 25%
CMY	0.5765, 0.4471, 0.7451
CMYK	0.23, 0.00, 0.54, 0.45
HSL	86°, 37%, 40%
HSV	86°, 54%, 55%
XYZ	16.6634, 22.6196, 8.4888
YIQ	122.4690, 4.7280, -30.6320

Conversions

Conversions Part 2

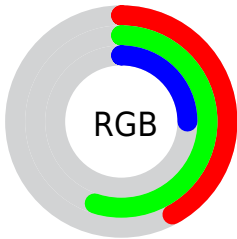
Format	Color
RYB	65, 141, 98
Decimal	7114049
CIELab	54.68, -24.81, 36.42
CIELCh	55, 44.065, 124.260
Yxy	22.6196, 0.3488, 0.4735
Android (android.graphics.Color)	4285304129 (0xFF6C8D41)
YUV	122.4690, -28.3322, -12.6893
Hunter-Lab	47.5600, -20.6899, 22.7096

Details

The Hex color **6C8D41** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **62418D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A1C373**, and **3A5B10** is the 20% darker color. If you saturate the color by 10%, you get **668D33**, and if you desaturate by 10%, it is **728D4F**.

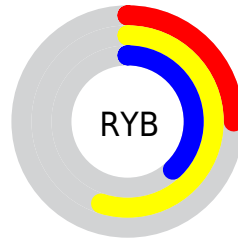
Distribution



Red (42%)

Green (55%)

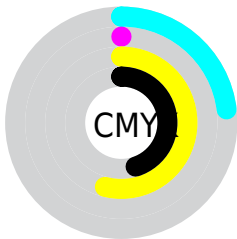
Blue (25%)



Red (25%)

Yellow (55%)

Blue (38%)

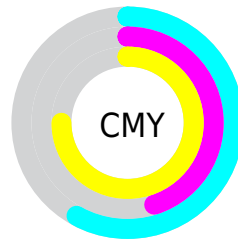


Cyan (23%)

Magenta (0%)

Yellow (54%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C8D41 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 6C8D41 by changing the saturation by 10% instead.



6C8D41



6C8D41

FFFFFF



527329



A1C373



3A5B10



BDDF8D



224300



D9FBA8



072C00



F6FFC4



001900



FFFFE0



000000

FFFFFFD



6C8D41



6C8D41



668D33



728D4F

■ 608D25

■ 788D5D

■ 5A8D17

■ 7E8D6B

■ 548D09

■ 848D79

■ 508D00

■ 8B8D88

■ 918D96

■ 978DA4

■ 9D8DB2

■ A38DC0

Harmonies

Analogous

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



948333



6C8D41



369360

Triad

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



6C8D41



008FC7



C9627F

Complementary

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



6C8D41



62418D

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.



B668A5



6C8D41



4785CF

Square

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



6C8D41



0095AD



8D77C2



C6685A

Rectangle

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



6C8D41



00957A



8D77C2



C5638C

Sweetspot

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



6C8D41



ABB89A



8D6241



545C4A



DBDBDB



5C5C5C

Same Dimension

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



6C8D41



84B840



468D41



444740



4C8700



040800

Inverse Universe

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



62418D



7440B8



88418D



434047



3B0087



030008

Previews

White Background



This preview shows how the Hex color 6C8D41 looks on a white background.

Color Contrast Check

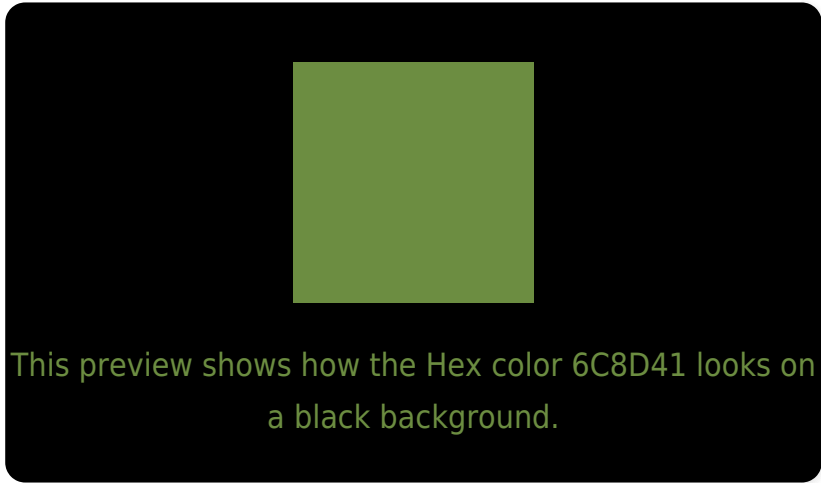
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C8D41 Background



This preview shows how black text looks on a background with the Hex color 6C8D41.



This preview shows how white text looks on a background with the Hex color 6C8D41.

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](#).

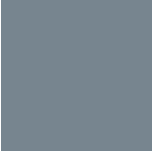
Dichromacy



Original Color
6C8D41

Protanopia
91833E

Deuteranopia
A07C45



Tritanopia
77858F

Trichromacy



Original Color
6C8D41

Protanomaly
84873F

Deuteranomaly
8D8244

Tritanomaly
738873

Monochromacy



Original Color
6C8D41

Achromatopsia
7A7A7A

Achromatomaly
758165

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C8D41 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 #6C8D41 looks like.

```
.text, #text, p{  
    color:#6C8D41  
}
```

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 #6C8D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8D41
}
```

Border

The CSS property to change the border of an element to Hex 6C8D41 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
#6C8D41 }
```

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

```
.border{ border-color:#6C8D41 }
```

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

Here you see how a box with a 4 pixel #6C8D41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8D41; -webkit-box-shadow:4px 4px  
4px 4px #6C8D41; box-shadow:4px 4px 4px  
4px #6C8D41 }
```

Background

The CSS property to change the background color of an element to Hex 6C8D41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8D41 }
```

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

```
.background{ background-color:#6C8D41 }
```

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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