

Converting Colors

Hex(6D8501)

Have a look what the booklet for
Hex(6D8501) contains.

Hex(6D8501)	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(6D8501)

Conversions

Conversions Part 1

Format	Color
Hex	6D8501
RGB	109, 133, 1
RGB Percent	43%, 52%, 0%
CMY	0.5725, 0.4784, 0.9961
CMYK	0.18, 0.00, 0.99, 0.48
HSL	71°, 99%, 26%
HSV	71°, 99%, 52%
XYZ	14.6997, 20.0285, 3.1198
YIQ	110.7760, 28.0680, -46.1400

Conversions

Conversions Part 2

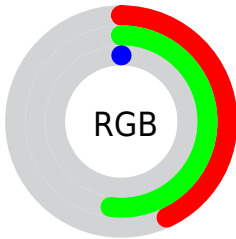
Format	Color
R_{YB}	1, 133, 25
Decimal	7177473
CIE Lab	51.87, -24.15, 55.82
CIE LCh	52, 60.818, 113.401
Yxy	20.0285, 0.3884, 0.5292
Android (android.graphics.Color)	4285367553 (0xFF6D8501)
YUV	110.7760, -54.1196, -1.5576
Hunter-Lab	44.7532, -19.6877, 27.1940

Details

The Hex color **6D8501** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **190185**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A4BA43**, and **395300** is the 20% darker color. If you saturate the color by 10%, you get **6D8500**, and if you desaturate by 10%, it is **6F850E**.

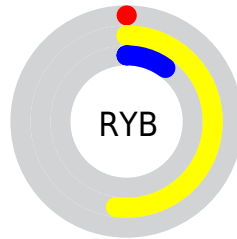
Distribution



Red (43%)

Green (52%)

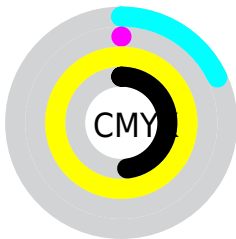
Blue (0%)



Red (0%)

Yellow (52%)

Blue (10%)

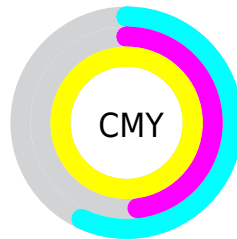


Cyan (18%)

Magenta (0%)

Yellow (99%)

Black (48%)



Cyan (57%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D8501 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 6D8501 by changing the saturation by 10% instead.

 6D8501

 6D8501

FFFFFF

 526C00

 A4BA43

 395300

 C0D65E

 1E3C00

 DDF279

 002600

 FBFF94

 000D00

 FFFF94

 000000

 FFFFCC

 FFFF94

 6D8501

 6D8501

■ 6D8500

■ 6F850E

■ 72851C

■ 748529

■ 778536

■ 798544

■ 7C8551

■ 7E855E

■ 80856B

■ 838579

Harmonies

Analogous

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



9E7500



6D8501



1E8E39

Triad

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



6D8501



0090CF



D24789

Complementary

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



6D8501



190185

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.



AF5ABB



6D8501



0085E4

Square

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



6D8501



0093A4



6373DC



D74A56

Rectangle

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



6D8501



00925C



6373DC



CA4B9B

Sweetspot

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



6D8501



A4AD79



851701



515737



D6D6D6



575757

Same Dimension

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



6D8501



8EAD00



2D8501



41423C



6A8200



020300

Inverse Universe

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



190185



2000AD



590185



3D3C42



180082



000003

Previews

White Background



This preview shows how the Hex color 6D8501 looks on a white background.

Color Contrast Check

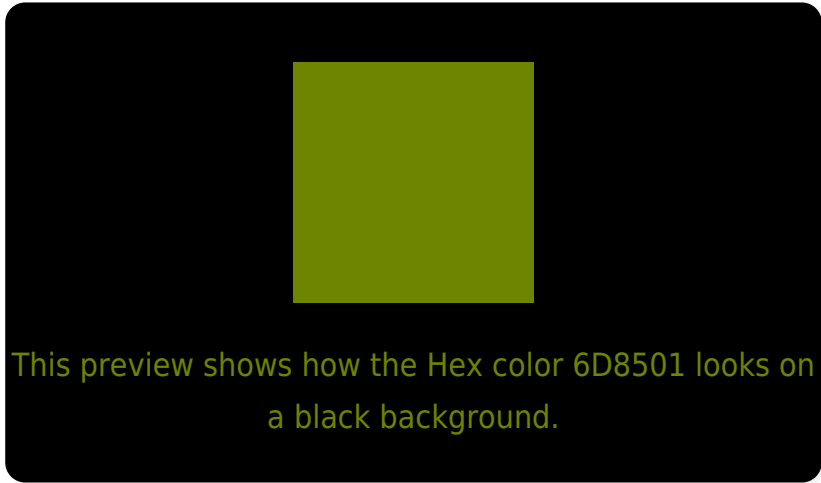
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D8501 Background



This preview shows how black text looks on a background with the Hex color 6D8501.



This preview shows how white text looks on a background with the Hex color 6D8501.

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
6D8501

Protanopia
8B7C00

Deuteranopia
9C7518



Tritanopia
787C85

Trichromacy



Original Color
6D8501

Protanomaly
807F00

Deuteranomaly
8B7B10

Tritanomaly
747F55

Monochromacy



Original Color
6D8501

Achromatopsia
6F6F6F

Achromatomaly
6E7747

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D8501 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 #6D8501 looks like.

```
.text, #text, p{  
    color:#6D8501  
}
```

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 #6D8501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8501
}
```

Border

The CSS property to change the border of an element to Hex 6D8501 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
#6D8501 }
```

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

```
.border{ border-color:#6D8501 }
```

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

Here you see how a box with a 4 pixel #6D8501 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8501; -webkit-box-shadow:4px 4px  
4px 4px #6D8501; box-shadow:4px 4px 4px  
4px #6D8501 }
```

Background

The CSS property to change the background color of an element to Hex 6D8501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8501 }
```

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

```
.background{ background-color:#6D8501 }
```

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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