

Converting Colors

Hex(6D7721)

Have a look what the booklet for
Hex(6D7721) contains.

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Color

Hex(6D7721)

Conversions

Conversions Part 1

Format	Color
Hex	6D7721
RGB	109, 119, 33
RGB Percent	43%, 47%, 13%
CMY	0.5725, 0.5333, 0.8706
CMYK	0.08, 0.00, 0.72, 0.53
HSL	67°, 57%, 30%
HSV	67°, 72%, 47%
XYZ	13.1780, 16.5547, 3.9397
YIQ	106.2060, 21.6460, -28.8660

Conversions

Conversions Part 2

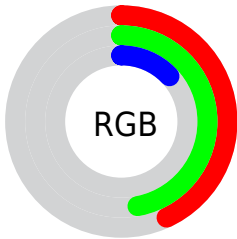
Format	Color
R_{YB}	33, 119, 43
Decimal	7173921
CIE Lab	47.69, -15.76, 43.67
CIE LCh	48, 46.423, 109.842
Yxy	16.5547, 0.3914, 0.4916
Android (android.graphics.Color)	4285364001 (0xFF6D7721)
YUV	106.2060, -36.0906, 2.4503
Hunter-Lab	40.6874, -13.3897, 22.7403

Details

The Hex color **6D7721** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2B2177**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A3AB53**, and **3B4700** is the 20% darker color. If you saturate the color by 10%, you get **6C7715**, and if you desaturate by 10%, it is **6E772D**.

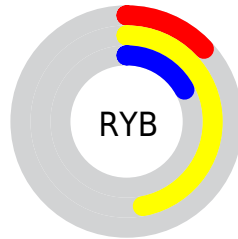
Distribution



Red (43%)

Green (47%)

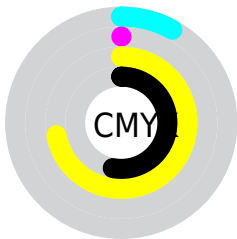
Blue (13%)



Red (13%)

Yellow (47%)

Blue (17%)

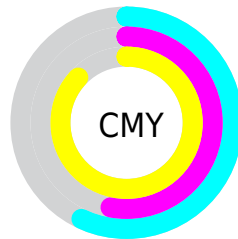


Cyan (8%)

Magenta (0%)

Yellow (72%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7721 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 6D7721 by changing the saturation by 10% instead.



6D7721



6D7721

FFFFFF



535E03



A3AB53



3B4700



BFC66D



223000



DBE287



021C00



F8FFA2



000000



FFFFBE



FFFFDA



FFFFF7



6D7721



6D7721

■ 6C7715

■ 6E772D

■ 6A7709

■ 707739

■ 697700

■ 717745

■ 737751

■ 74775D

■ 757768

■ 777774

■ 787780

■ 79778C

Harmonies

Analogous

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



916A1F



6D7721



3E7F3C

Triad

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



6D7721



0081AC



B24F80

Complementary

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



6D7721



2B2177

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.



945CA4



6D7721



0079BE

Square

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



6D7721



00848B



5A6CBB



B94F59

Rectangle

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



6D7721



008255



5A6CBB



AA528D

Sweetspot

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



6D7721



989C79



772A21



4D4F3A



CFCFCF



4F4F4F

Same Dimension

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



6D7721



8C9C14



437721



3A3B35



6C7A00



DDFA00

Inverse Universe

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



2B2177



24149C



552177



35353B



0E007A



1D00FA

Previews

White Background



This preview shows how the Hex color 6D7721 looks on a white background.

Color Contrast Check

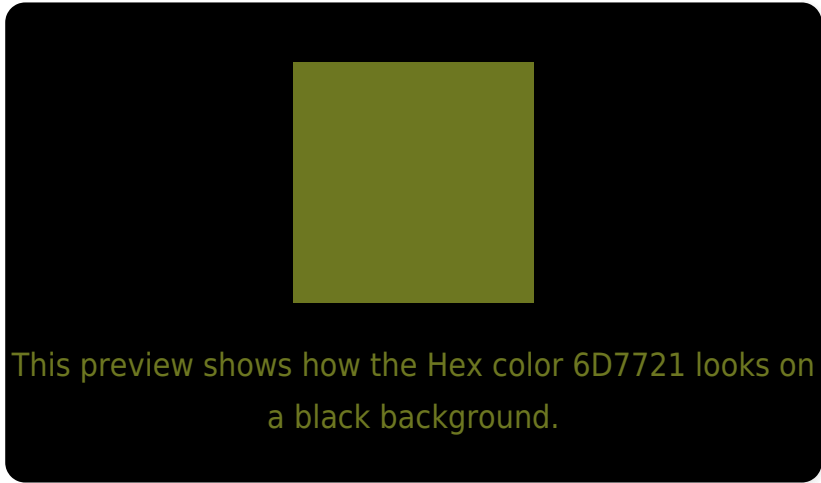
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

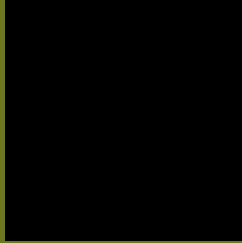
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6D7721 Background



This preview shows how black text looks on a background with the Hex color 6D7721.



This preview shows how white text looks on a background with the Hex color 6D7721.

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
6D7721

Protanopia
7F7120

Deuteranopia
8D6B26



Tritanopia
756F78

Trichromacy



Original Color
6D7721

Protanomaly
787320

Deuteranomaly
816F24

Tritanomaly
727258

Monochromacy



Original Color
6D7721

Achromatopsia
6A6A6A

Achromatomaly
6B6F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7721 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 #6D7721 looks like.

```
.text, #text, p{  
    color:#6D7721  
}
```

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 #6D7721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7721
}
```

Border

The CSS property to change the border of an element to Hex 6D7721 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
#6D7721 }
```

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

```
.border{ border-color:#6D7721 }
```

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

Here you see how a box with a 4 pixel #6D7721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7721; -webkit-box-shadow:4px 4px  
4px 4px #6D7721; box-shadow:4px 4px 4px  
4px #6D7721 }
```

Background

The CSS property to change the background color of an element to Hex 6D7721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7721 }
```

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

```
.background{ background-color:#6D7721 }
```

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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