

Converting Colors

Hex(6C7624)

Have a look what the booklet for
Hex(6C7624) contains.

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Color

Hex(6C7624)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6C7624 |
| RGB | 108, 118, 36 |
| RGB Percent | 42%, 46%, 14% |
| CMY | 0.5765, 0.5373, 0.8588 |
| CMYK | 0.08, 0.00, 0.69, 0.54 |
| HSL | 67°, 53%, 30% |
| HSV | 67°, 69%, 46% |
| XYZ | 12.9812, 16.2724, 4.1258 |
| YIQ | 105.6620, 20.3620, -27.6220 |

Conversions

Conversions Part 2

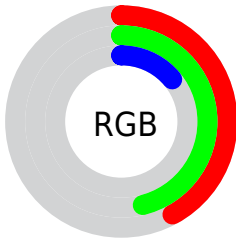
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 36, 118, 46 |
| Decimal | 7108132 |
| CIELab | 47.33, -15.48, 42.01 |
| CIELCh | 47, 44.776, 110.229 |
| Yxy | 16.2724, 0.3889, 0.4875 |
| Android (android.graphics.Color) | 4285298212 (0xFF6C7624) |
| YUV | 105.6620, -34.3434, 2.0504 |
| Hunter-Lab | 40.3390, -13.1516, 22.1733 |

Details

The Hex color **6C7624** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2E2476**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A2AA56**, and **3A4600** is the 20% darker color. If you saturate the color by 10%, you get **6B7618**, and if you desaturate by 10%, it is **6D7630**.

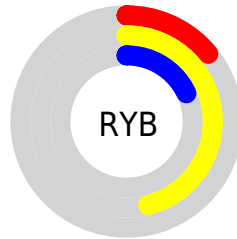
Distribution



Red (42%)

Green (46%)

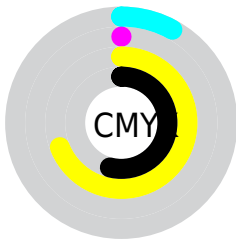
Blue (14%)



Red (14%)

Yellow (46%)

Blue (18%)

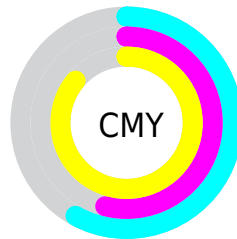


Cyan (8%)

Magenta (0%)

Yellow (69%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C7624 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 6C7624 by changing the saturation by 10% instead.



6C7624



6C7624

FFFFFF



525D07



A2AA56



3A4600



BDC56F



212F00



DAE18A



011C00



F7FEA4



000000



FFFFC0



FFFDC0



FFFF99



6C7624



6C7624

■ 6B7618

■ 6D7630

■ 69760C

■ 6F763C

■ 687601

■ 707647

■ 687600

■ 727653

■ 73765F

■ 75766B

■ 767677

■ 787682

■ 79768E

Harmonies

Analogous

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



8F6A22



6C7624



3E7E3E

Triad

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



6C7624



0080A9



AF507E

Complementary

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



6C7624



2E2476

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.



925CA1



6C7624



0078BA

Square

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



6C7624



008389



5C6BB7



B55058

Rectangle

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



6C7624



008155



5C6BB7



A8538B

Sweetspot

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



6C7624



959979



762E24



4A4D39



CCCCCC



4D4D4D

Same Dimension

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



6C7624



8A991A



437624



3A3B35



6B7A00



DBFA00

Inverse Universe

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



2E2476



291A99



572476



36353B



0F007A



1E00FA

Previews

White Background



This preview shows how the Hex color 6C7624 looks on a white background.

Color Contrast Check

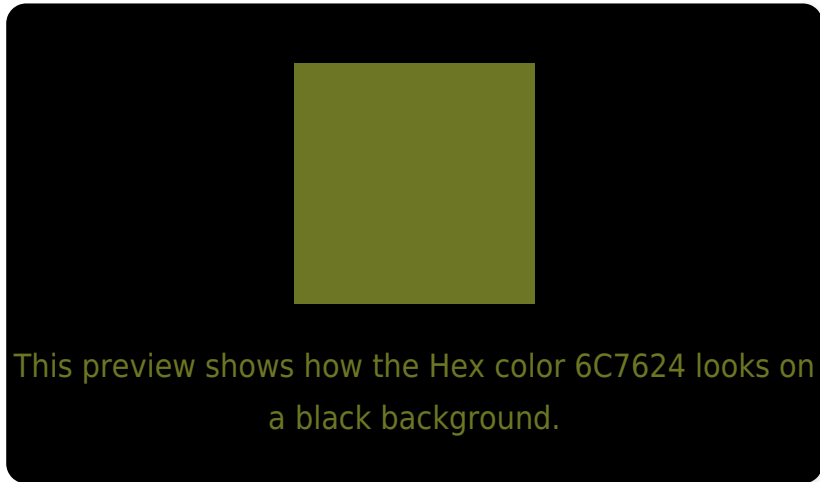
Large Text (above 18pt) WCAG AA ✓ Pass

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

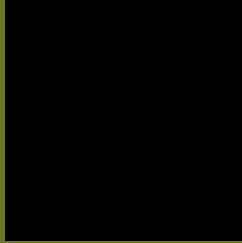
Any Text WCAG AA × Fail

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 6C7624 Background



This preview shows how black text looks on a background with the Hex color 6C7624.



This preview shows how white text looks on a background with the Hex color 6C7624.

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
6C7624

Protanopia
7E7023

Deuteranopia
8C6B28



Tritanopia
746E77

Trichromacy



Original Color
6C7624

Protanomaly
777223

Deuteranomaly
806F27

Tritanomaly
717159

Monochromacy



Original Color
6C7624

Achromatopsia
6A6A6A

Achromatomaly
6B6E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C7624 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 #6C7624 looks like.

```
.text, #text, p{  
    color:#6C7624  
}
```

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 #6C7624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7624
}
```

Border

The CSS property to change the border of an element to Hex 6C7624 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
#6C7624 }
```

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

```
.border{ border-color:#6C7624 }
```

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

Here you see how a box with a 4 pixel #6C7624 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7624; -webkit-box-shadow:4px 4px  
4px 4px #6C7624; box-shadow:4px 4px 4px  
4px #6C7624 }
```

Background

The CSS property to change the background color of an element to Hex 6C7624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7624 }
```

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

```
.background{ background-color:#6C7624 }
```

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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