

Converting Colors

Hex(6D7254)

Have a look what the booklet for
Hex(6D7254) contains.

Hex(6D7254)	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(6D7254)

Conversions

Conversions Part 1

Format	Color
Hex	6D7254
RGB	109, 114, 84
RGB Percent	43%, 45%, 33%
CMY	0.5725, 0.5529, 0.6706
CMYK	0.04, 0.00, 0.26, 0.55
HSL	70°, 15%, 39%
HSV	70°, 26%, 45%
XYZ	13.9242, 15.9259, 10.7276
YIQ	109.0850, 6.6500, -10.3900

Conversions

Conversions Part 2

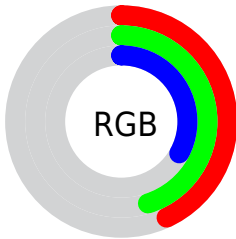
Format	Color
RYB	84, 114, 89
Decimal	7172692
CIELab	46.88, -7.44, 16.04
CIELCh	47, 17.678, 114.893
Yxy	15.9259, 0.3431, 0.3925
Android (android.graphics.Color)	4285362772 (0xFF6D7254)
YUV	109.0850, -12.3669, -0.0745
Hunter-Lab	39.9073, -7.5566, 11.9971

Details

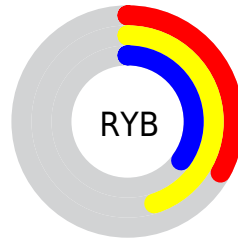
The Hex color **6D7254** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **595472**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A1A686**, and **3D4227** is the 20% darker color. If you saturate the color by 10%, you get **6B7249**, and if you desaturate by 10%, it is **6F725F**.

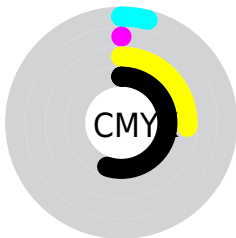
Distribution



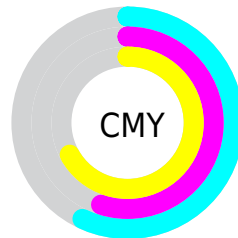
- Red (43%)
- Green (45%)
- Blue (33%)



- Red (33%)
- Yellow (45%)
- Blue (35%)



- Cyan (4%)
- Magenta (0%)
- Yellow (26%)
- Black (55%)



- Cyan (57%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7254 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 6D7254 by changing the saturation by 10% instead.

 6D7254

 6D7254

FFFFFF

 545A3D

 A1A686

 3D4227

 BCC1A0

 272C12

 D8DDBB

 121800

 F4F9D7

 000000

 FFFFF3


 6D7254

 6D7254

 6B7249

 6F725F

 69723D

 71726B

677232

737276

657226

757282

63721B

77728D

627210

787298

607204

7A72A4

5F7200

7C72AF

7E72BB

Harmonies

Analogous

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



7D6D52



6D7254



5C765E

Triad

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



6D7254



497587



8B6572

Complementary

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



6D7254



595472

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.



806780



6D7254



5A718C

Square

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



6D7254



44777B



6E6C8A



8D6563

Rectangle

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



6D7254



517767



6E6C8A



886577

Sweetspot

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



6D7254



929488



725954



494A43



C9C9C9



4A4A4A

Same Dimension

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



6D7254



8C9465



5E7254



373832



647800



CEF700

Inverse Universe

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



595472



6C6594



685472



333238



140078



2900F7

Previews

White Background



This preview shows how the Hex color 6D7254 looks on a white background.

Color Contrast Check

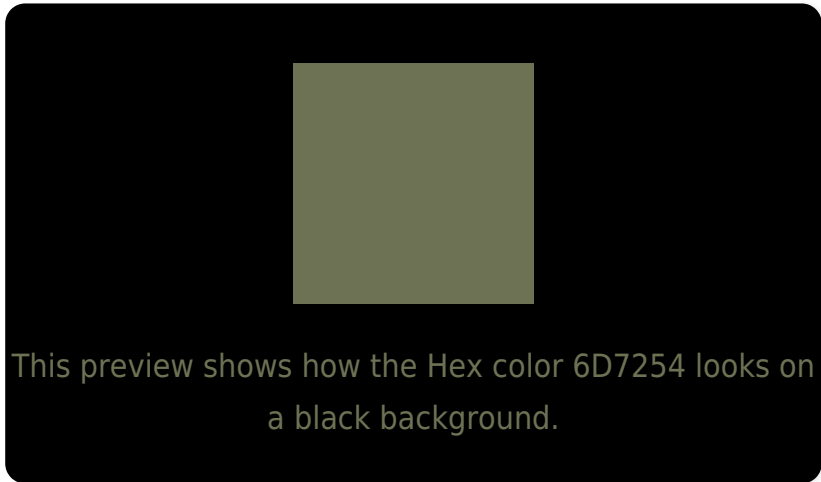
Large Text (above 18pt) WCAG AA ✓ Pass

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

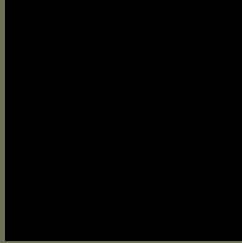
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

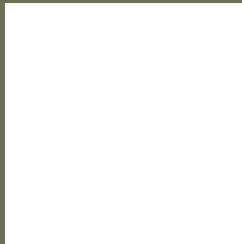
Any Text WCAG AAA × Fail

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

Hex 6D7254 Background



This preview shows how black text looks on a background with the Hex color 6D7254.



This preview shows how white text looks on a background with the Hex color 6D7254.

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
6D7254

Protanopia
776F53

Deuteranopia
826B56



Tritanopia
726E76

Trichromacy



Original Color
6D7254

Protanomaly
737053

Deuteranomaly
7A6E55

Tritanomaly
706F6A

Monochromacy



Original Color
6D7254

Achromatopsia
6D6D6D

Achromatomaly
6D6F64

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7254 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 #6D7254 looks like.

```
.text, #text, p{  
    color:#6D7254  
}
```

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 #6D7254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7254
}
```

Border

The CSS property to change the border of an element to Hex 6D7254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

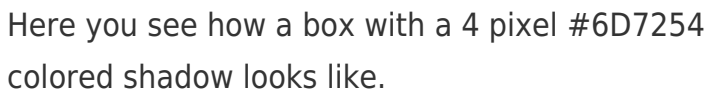
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D7254 }
```

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

```
.border{ border-color:#6D7254 }
```

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



Here you see how a box with a 4 pixel #6D7254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7254; -webkit-box-shadow:4px 4px  
4px 4px #6D7254; box-shadow:4px 4px 4px  
4px #6D7254 }
```

Background

The CSS property to change the background color of an element to Hex 6D7254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7254 }
```

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

```
.background{ background-color:#6D7254 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor