

Converting Colors

Hex(6D734A)

Have a look what the booklet for
Hex(6D734A) contains.

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Color

Hex(6D734A)

Conversions

Conversions Part 1

Format	Color
Hex	6D734A
RGB	109, 115, 74
RGB Percent	43%, 45%, 29%
CMY	0.5725, 0.5490, 0.7098
CMYK	0.05, 0.00, 0.36, 0.55
HSL	69°, 22%, 37%
HSV	69°, 36%, 45%
XYZ	13.6734, 16.0071, 8.8476
YIQ	108.5320, 9.5850, -14.0230

Conversions

Conversions Part 2

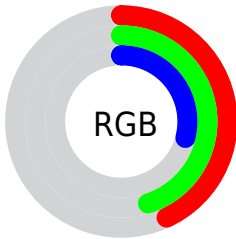
Format	Color
RYB	74, 115, 80
Decimal	7172938
CIELab	46.98, -9.49, 21.97
CIElCh	47, 23.930, 113.372
Yxy	16.0071, 0.3549, 0.4155
Android (android.graphics.Color)	4285363018 (0xFF6D734A)
YUV	108.5320, -17.0243, 0.4104
Hunter-Lab	40.0089, -9.0113, 14.8948

Details

The Hex color **6D734A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **504A73**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A1A77B**, and **3D431D** is the 20% darker color. If you saturate the color by 10%, you get **6B733F**, and if you desaturate by 10%, it is **6F7356**.

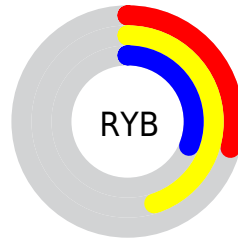
Distribution



Red (43%)

Green (45%)

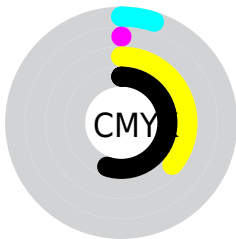
Blue (29%)



Red (29%)

Yellow (45%)

Blue (31%)

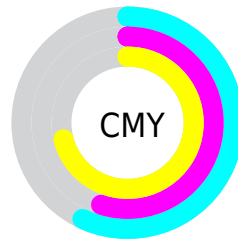


Cyan (5%)

Magenta (0%)

Yellow (36%)

Black (55%)



Cyan (57%)

Magenta (55%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D734A 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 6D734A by changing the saturation by 10% instead.



6D734A



6D734A

FFFFFF



545A33



A1A77B



3D431D



BCC295



262D06



D8DEB0



0E1900



F5FACB



000000



FFFFE8



6D734A



6D734A



6B733F



6F7356



6A7333



707361

687328

72736D

66731C

747378

657311

757384

637305

77738F

627300

79739B

7A73A6

7C73B2

Harmonies

Analogous

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



816D47



6D734A



567857

Triad

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



6D734A



32788F



946175

Complementary

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



6D734A



504A73

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.



856588



6D734A



4D7397

Square

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



6D734A



2C7A7F



6C6C94



976160

Rectangle

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



6D734A



467A63



6C6C94



90627B

Sweetspot

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



6D734A



949686



734F4A



4B4D43



CCCCCC



4D4D4D

Same Dimension

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



6D734A



8D9656



59734A



3A3B35



687A00



D5FA00

Inverse Universe

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



504A73



5F5696



644A73



36353B



12007A



2500FA

Previews

White Background



This preview shows how the Hex color 6D734A looks on a white background.

Color Contrast Check

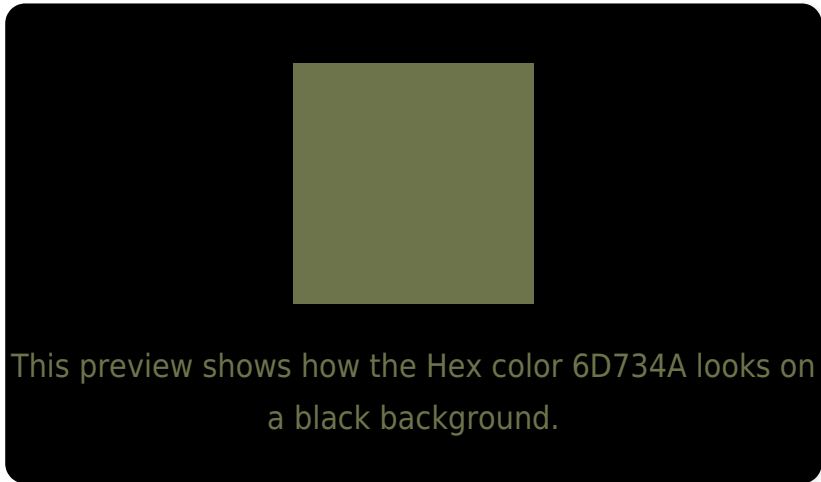
Large Text (above 18pt) WCAG AA ✓ Pass

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

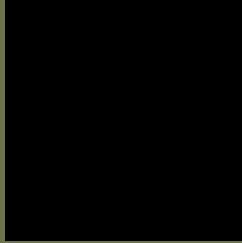
Any Text WCAG AA × Fail

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 6D734A Background



This preview shows how black text looks on a background with the Hex color 6D734A.



This preview shows how white text looks on a background with the Hex color 6D734A.

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
6D734A

Protanopia
796F49

Deuteranopia
856A4C



Tritanopia
736E76

Trichromacy



Original Color
6D734A

Protanomaly
757049

Deuteranomaly
7C6D4B

Tritanomaly
717066

Monochromacy



Original Color
6D734A

Achromatopsia
6D6D6D

Achromatomaly
6D6F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D734A 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 #6D734A looks like.

```
.text, #text, p{  
    color:#6D734A  
}
```

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 #6D734A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D734A
}
```

Border

The CSS property to change the border of an element to Hex 6D734A 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
#6D734A }
```

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

```
.border{ border-color:#6D734A }
```

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

Here you see how a box with a 4 pixel #6D734A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D734A; -webkit-box-shadow:4px 4px  
4px 4px #6D734A; box-shadow:4px 4px 4px  
4px #6D734A }
```

Background

The CSS property to change the background color of an element to Hex 6D734A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D734A }
```

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

```
.background{ background-color:#6D734A }
```

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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