

Converting Colors

Hex(6D4247)

Have a look what the booklet for
Hex(6D4247) contains.

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Color

Hex(6D4247)

Conversions

Conversions Part 1

Format	Color
Hex	6D4247
RGB	109, 66, 71
RGB Percent	43%, 26%, 28%
CMY	0.5725, 0.7412, 0.7216
CMYK	0.00, 0.39, 0.35, 0.57
HSL	353°, 25%, 34%
HSV	353°, 39%, 43%
XYZ	9.3922, 7.6026, 6.9337
YIQ	79.4270, 24.0230, 10.6710

Conversions

Conversions Part 2

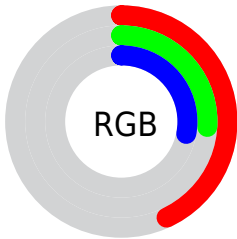
Format	Color
R _Y B	109, 66, 71
Decimal	7160391
CIE Lab	33.14, 19.35, 4.86
CIE LCh	33, 19.946, 14.101
Yxy	7.6026, 0.3925, 0.3177
Android (android.graphics.Color)	4285350471 (0xFF6D4247)
YUV	79.4270, -4.1545, 25.9355
Hunter-Lab	27.5728, 12.5508, 4.3914

Details

The Hex color **6D4247** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **426D68**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A27377**, and **3B161C** is the 20% darker color. If you saturate the color by 10%, you get **6D373D**, and if you desaturate by 10%, it is **6D4D51**.

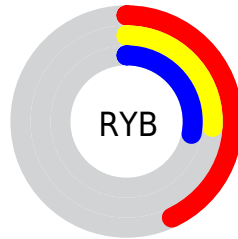
Distribution



Red (43%)

Green (26%)

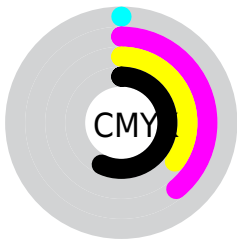
Blue (28%)



Red (43%)

Yellow (26%)

Blue (28%)

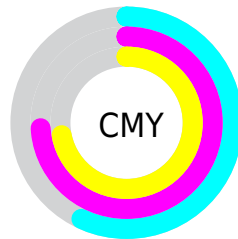


Cyan (0%)

Magenta (39%)

Yellow (35%)

Black (57%)



Cyan (57%)

Magenta (74%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D4247 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 6D4247 by changing the saturation by 10% instead.

6D4247

6D4247

FFFFFF

542B31

A27377

3B161C

BD8C91

270000

DAA7AB

000000

F6C2C7

FFDEE3

FFFBFF

6D4247

6D4247

6D373D

6D4D51

 6D2C34

 6D585A

 6D212A

 6D6364

 6D1620

 6D6E6E

 6D0C17

 6D7977

 6D010D

 6D8381

 6D000D

 6D8E8A

 6D9994

 6DA49E

Harmonies

Analogous

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



684357



6D4247



6A4539

Triad

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



6D4247



405337



2A526C

Complementary

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



6D4247



426D68

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.



165563



6D4247



2C5645

Square

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



6D4247



514F2F



1A5655



444D6C

Rectangle

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



6D4247



644832



1A5655



22536A

Sweetspot

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



6D4247



8F7E80



68426D



473D3F



C7C7C7



474747

Same Dimension

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



6D4247



8F4C53



6D5242



363031



75000E



F5001C

Inverse Universe

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



6D4247



8F4C53



425D6D



363031



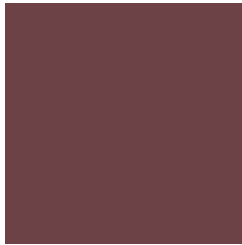
75000E



F5001C

Previews

White Background



This preview shows how the Hex color 6D4247 looks on a white background.

Color Contrast Check

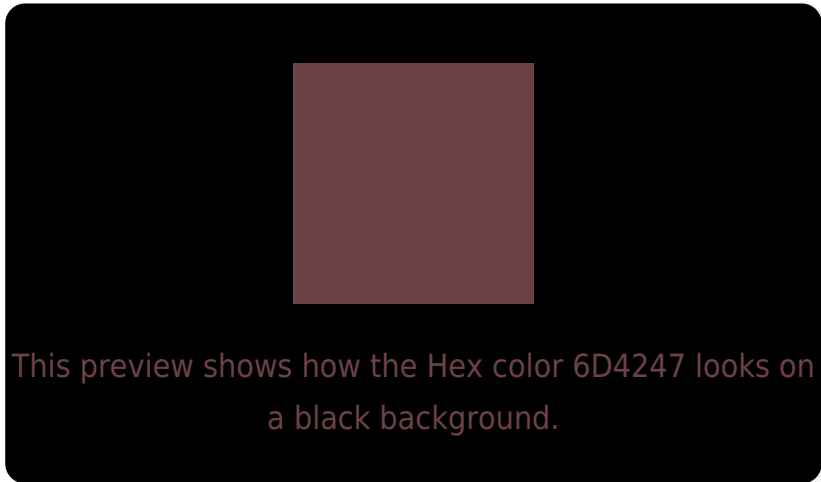
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 6D4247 Background



This preview shows how black text looks on a background with the Hex color 6D4247.



This preview shows how white text looks on a background with the Hex color 6D4247.

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
6D4247

Protanopia
504E4E

Deuteranopia
594B45



Tritanopia
6D4247

Trichromacy



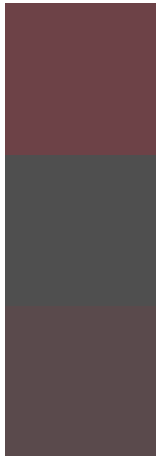
Original Color
6D4247

Protanomaly
5B4A4B

Deuteranomaly
604846

Tritanomaly
6D4247

Monochromacy



Original Color
6D4247

Achromatopsia
4F4F4F

Achromatomaly
5A4A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D4247 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 #6D4247 looks like.

```
.text, #text, p{  
    color:#6D4247  
}
```

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 #6D4247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4247
}
```

Border

The CSS property to change the border of an element to Hex 6D4247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

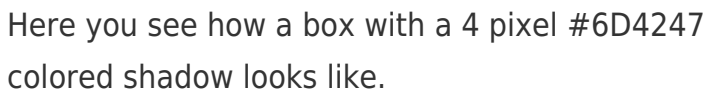
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D4247 }
```

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

```
.border{ border-color:#6D4247 }
```

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



Here you see how a box with a 4 pixel #6D4247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4247; -webkit-box-shadow:4px 4px  
4px 4px #6D4247; box-shadow:4px 4px 4px  
4px #6D4247 }
```

Background

The CSS property to change the background color of an element to Hex 6D4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4247 }
```

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

```
.background{ background-color:#6D4247 }
```

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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