

Converting Colors

Hex(6B6257)

Have a look what the booklet for
Hex(6B6257) contains.

Hex(6B6257)	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(6B6257)

Conversions

Conversions Part 1

Format	Color
Hex	6B6257
RGB	107, 98, 87
RGB Percent	42%, 38%, 34%
CMY	0.5804, 0.6157, 0.6588
CMYK	0.00, 0.08, 0.19, 0.58
HSL	33°, 10%, 38%
HSV	33°, 19%, 42%
XYZ	12.1514, 12.5493, 10.7986
YIQ	99.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

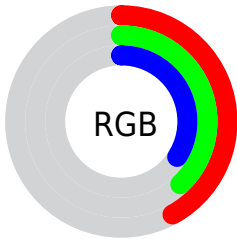
Format	Color
R _Y B	103, 107, 87
Decimal	7037527
CIE Lab	42.08, 1.56, 7.56
CIE LCh	42, 7.713, 78.369
Yxy	12.5493, 0.3423, 0.3535
Android (android.graphics.Color)	4285227607 (0xFF6B6257)
YUV	99.4370, -6.1314, 6.6328
Hunter-Lab	35.4250, -0.7651, 6.7240

Details

The Hex color **6B6257** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **57606B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9F9589**, and **3B342A** is the 20% darker color. If you saturate the color by 10%, you get **6B5D4C**, and if you desaturate by 10%, it is **6B6762**.

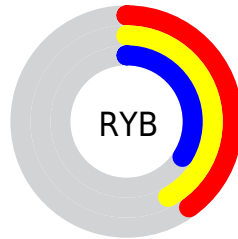
Distribution



Red (42%)

Green (38%)

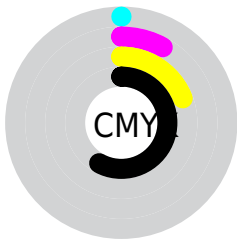
Blue (34%)



Red (40%)

Yellow (42%)

Blue (34%)

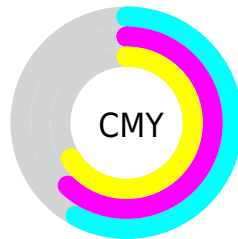


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (58%)



Cyan (58%)

Magenta (62%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6257 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 6B6257 by changing the saturation by 10% instead.



6B6257



6B6257

FFFFFF



534A40



9F9589



3B342A



BAAFA3



261F15



D5CBBE



0F0600



F2E7DA



000000



FFFFF6



6B6257



6B6257



6B5D4C



6B6762



6B5842



6B6C6C

 6B5437

 6B7077

 6B4F2C

 6B7582

 6B4A22

 6B7A8D

 6B4517

 6B7F97

 6B400C

 6B84A2

 6B3B01

 6B89AD

 6B3B00

 6B8DB7

Harmonies

Analogous

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



70605A



6B6257



646457

Triad

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



6B6257



536767



69606C

Complementary

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



6B6257



57606B

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.



61626F



6B6257



55666D

Square

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



6B6257



576761



5A6570



6F5F66

Rectangle

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



6B6257



5F6559



5A6570



67616D

Sweetspot

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



6B6257



8C8884



6B5760



474542



C7C7C7



474747

Same Dimension

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



6B6257



8C7E6D



6A6B57



363330



754100



F58700

Inverse Universe

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



57606B



6D7B8C



58576B



303336



003575



006EF5

Previews

White Background



This preview shows how the Hex color 6B6257 looks on a white background.

Color Contrast Check

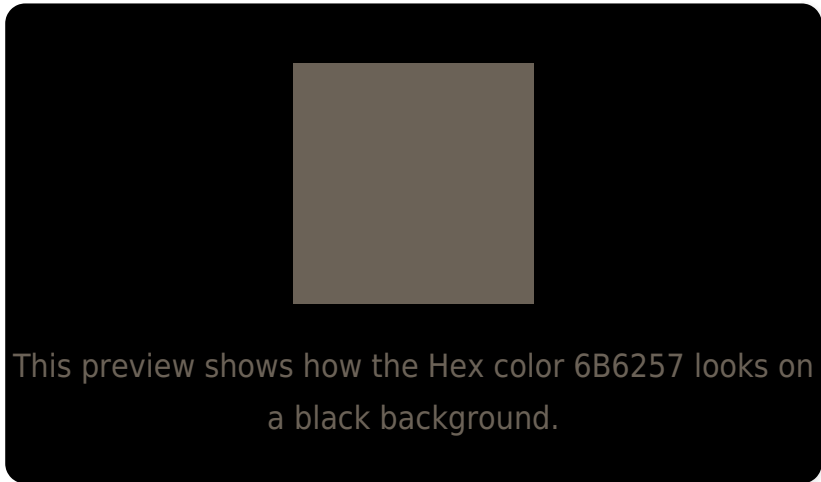
Large Text (above 18pt) WCAG AA ✓ Pass

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

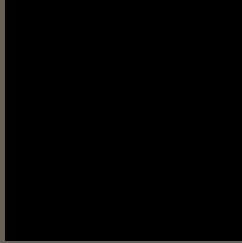
Any Text WCAG AA × Fail

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 6B6257 Background



This preview shows how black text looks on a background with the Hex color 6B6257.

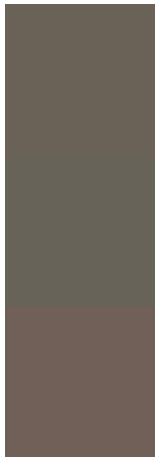


This preview shows how white text looks on a background with the Hex color 6B6257.

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
6B6257

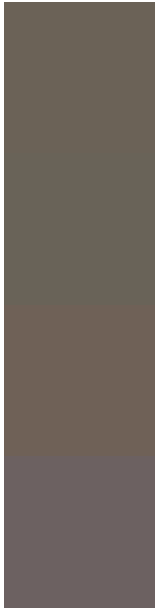
Protanopia
686358

Deuteranopia
716057



Tritanopia
6D6067

Trichromacy



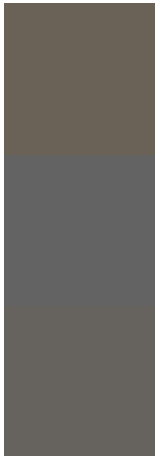
Original Color
6B6257

Protanomaly
696358

Deuteranomaly
6F6157

Tritanomaly
6C6161

Monochromacy



Original Color
6B6257

Achromatopsia
636363

Achromatomaly
66635F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6257 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 #6B6257 looks like.

```
.text, #text, p{  
    color:#6B6257  
}
```

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 #6B6257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6257
}
```

Border

The CSS property to change the border of an element to Hex 6B6257 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".

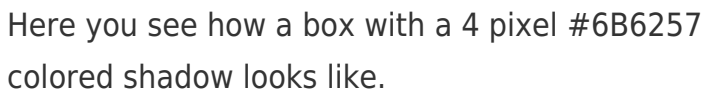
```
.border, #border, table{ border:4px solid
#6B6257 }
```

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

```
.border{ border-color:#6B6257 }
```

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

Here you see how a box with a 4 pixel #6B6257 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6257; -webkit-box-shadow:4px 4px  
4px 4px #6B6257; box-shadow:4px 4px 4px  
4px #6B6257 }
```

Background

The CSS property to change the background color of an element to Hex 6B6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6257 }
```

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

```
.background{ background-color:#6B6257 }
```

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