

# Converting Colors

Hex(6B6269)

Have a look what the booklet for  
Hex(6B6269) contains.

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# Color

Hex(6B6269)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 6B6269                    |
| RGB           | 107, 98, 105              |
| RGB Percent   | 42%, 38%, 41%             |
| CMY           | 0.5804, 0.6157, 0.5882    |
| CMYK          | 0.00, 0.08, 0.02, 0.58    |
| HSL           | 313°, 4%, 40%             |
| HSV           | 313°, 8%, 42%             |
| XYZ           | 12.9809, 12.8811, 15.1667 |
| YIQ           | 101.4890, 3.1170, 4.0850  |

# Conversions

## Conversions Part 2

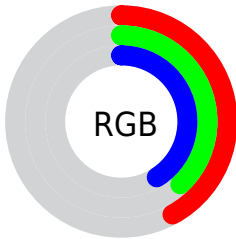
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 107, 98, 105                |
| Decimal                             | 7037545                     |
| CIE Lab                             | 42.58, 4.97, -2.67          |
| CIE LCh                             | 43, 5.645, 331.782          |
| Yxy                                 | 12.8811, 0.3164,<br>0.3140  |
| Android<br>(android.graphics.Color) | 4285227625<br>(0xFF6B6269)  |
| YUV                                 | 101.4890, 1.7309,<br>4.8331 |
| Hunter-Lab                          | 35.8902, 1.7525,<br>0.0680  |

# Details

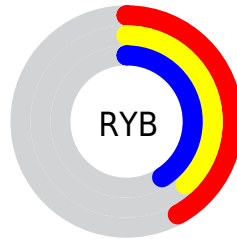
The Hex color **6B6269** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **626B64**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9E959C**, and **3C343A** is the 20% darker color. If you saturate the color by 10%, you get **6B5767**, and if you desaturate by 10%, it is **6B6D6B**.

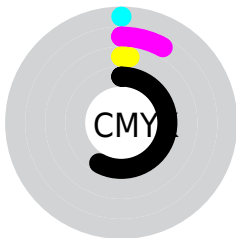
# Distribution



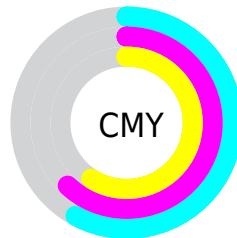
- Red (42%)
- Green (38%)
- Blue (41%)



- Red (42%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (58%)



- Cyan (58%)
- Magenta (62%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6269 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 6B6269 by changing the saturation by 10% instead.





6B6269



6B6269

FFFFFF



534A51



9E959C



3C343A



B9AFB7



261F24



D5CBD3



12060F



F1E7EF



000000



6B6269



6B6269



6B5767



6B6D6B



6B4D64



6B776E



6B4262



6B8270

6B375F

6B8D73

6B2D5D

6B9875

6B225B

6BA277

6B1758

6BAD7A

6B0C56

6BB87C

6B0254

6BC27E

# Harmonies

## Analogous

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



66636C



6B6269



6E6164

# Triad

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



6B6269



68645B



596769

# Complementary

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



6B6269



626B64

# 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.



5A6765



6B6269



63665D

# Square

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



6B6269



6C635C



5E6760



5B666D

# Rectangle

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



6B6269



6F6261



5E6760



596768



# Sweetspot

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



6B6269



8C888B



64626B



474547



C7C7C7



474747



# Same Dimension

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



6B6269



8C7E89



6B6265



363034



75005B



F500BE



# Inverse Universe

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



6B6269



8C7E89



626B68



363034



75005B



F500BE



# Previews

## White Background



This preview shows how the Hex color 6B6269 looks on a white background.

## Color Contrast Check

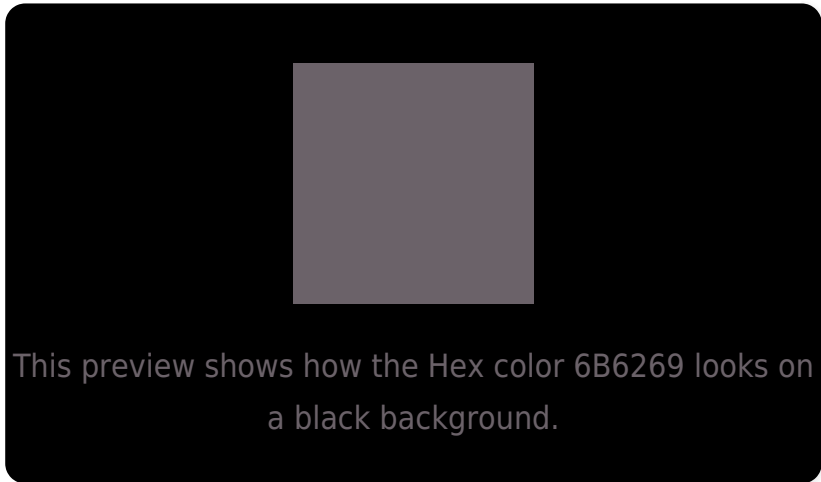
Large Text (above 18pt) WCAG AA ✓ Pass

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

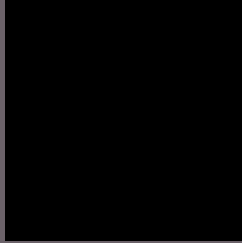
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B6269 Background



This preview shows how black text looks on a background with the Hex color 6B6269.



This preview shows how white text looks on a background with the Hex color 6B6269.

# 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**  
6B6269

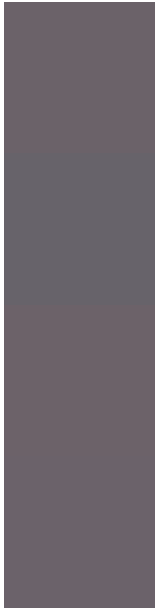
**Protanopia**  
65646A

**Deuteranopia**  
6C6269



**Tritanopia**  
6B626A

# Trichromacy



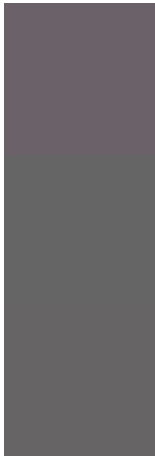
**Original Color**  
6B6269

**Protanomaly**  
67636A

**Deuteranomaly**  
6C6269

**Tritanomaly**  
6B626A

# Monochromacy



**Original Color**  
6B6269

**Achromatopsia**  
656565

**Achromatomaly**  
676466

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6269 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 #6B6269 looks like.

```
.text, #text, p{  
    color:#6B6269  
}
```

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 #6B6269 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6269
}
```

## Border

The CSS property to change the border of an element to Hex 6B6269 is called "border". The border property can be set on classes, ids or directly on the HTML element.

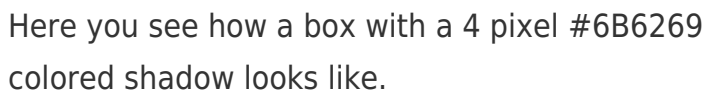
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B6269 }
```

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

```
.border{ border-color:#6B6269 }
```

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



Here you see how a box with a 4 pixel #6B6269 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6269; -webkit-box-shadow:4px 4px  
4px 4px #6B6269; box-shadow:4px 4px 4px  
4px #6B6269 }
```

# Background

The CSS property to change the background color of an element to Hex 6B6269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6269 }
```

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

```
.background{ background-color:#6B6269 }
```

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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