

# Converting Colors

Hex(6D5252)

Have a look what the booklet for  
Hex(6D5252) contains.

<b>Hex(6D5252)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6D5252)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D5252
RGB	109, 82, 82
RGB Percent	43%, 32%, 32%
CMY	0.5725, 0.6784, 0.6784
CMYK	0.00, 0.25, 0.25, 0.57
HSL	0°, 14%, 37%
HSV	0°, 25%, 43%
XYZ	10.8470, 9.8950, 9.3209
YIQ	90.0730, 16.0920, 5.7240

# Conversions

## Conversions Part 2

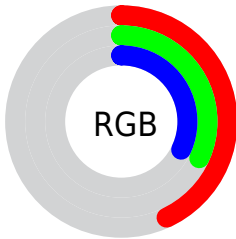
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 82, 82
Decimal	7164498
CIELab	37.65, 11.26, 4.36
CIELCh	38, 12.078, 21.168
Yxy	9.8950, 0.3608, 0.3291
Android (android.graphics.Color)	4285354578 (0xFF6D5252)
YUV	90.0730, -3.9800, 16.5990
Hunter-Lab	31.4563, 6.5029, 4.4511

# Details

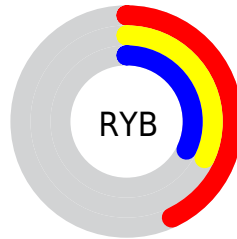
The Hex color **6D5252** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **526D6D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A18483**, and **3D2525** is the 20% darker color. If you saturate the color by 10%, you get **6D4747**, and if you desaturate by 10%, it is **6D5D5D**.

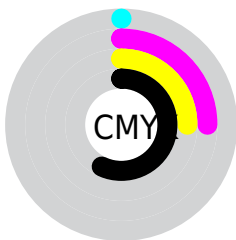
# Distribution



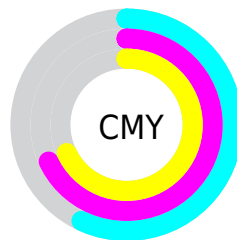
- Red (43%)
- Green (32%)
- Blue (32%)



- Red (43%)
- Yellow (32%)
- Blue (32%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (57%)



- Cyan (57%)
- Magenta (68%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D5252 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 6D5252 by changing the saturation by 10% instead.





6D5252



6D5252

FFFFFF



543B3B



A18483



3D2525



BC9E9D



261111



D8B9B8



030000



F5D4D4



000000



FFF1F0



6D5252



6D5252



6D4747



6D5D5D



6D3C3C



6D6868

 6D3131

 6D7373

 6D2626

 6D7E7E

 6D1C1C

 6D8989

 6D1111

 6D9393

 6D0606

 6D9E9E

 6D0000

 6DA9A9

 6DB4B4

# Harmonies

## Analogous

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



6A525C



6D5252



6A544A

# Triad

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



6D5252



4E5D4C



4A5A6C

# Complementary

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



6D5252



526D6D

# 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.



405D67



6D5252



445E55

# Square

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



6D5252



595A46



3E5E5F



57576B

# Rectangle

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



6D5252



665646



3E5E5F



465B6B



# Sweetspot

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



6D5252



8F8585



6D526D



474242



C7C7C7



474747



# Same Dimension

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



6D5252



8F6464



6D6052



363030



750000



F50000



# Inverse Universe

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



526D6D



648F8F



52606D



303636



007575



00F5F5



# Previews

## White Background



This preview shows how the Hex color 6D5252 looks on a white background.

## Color Contrast Check

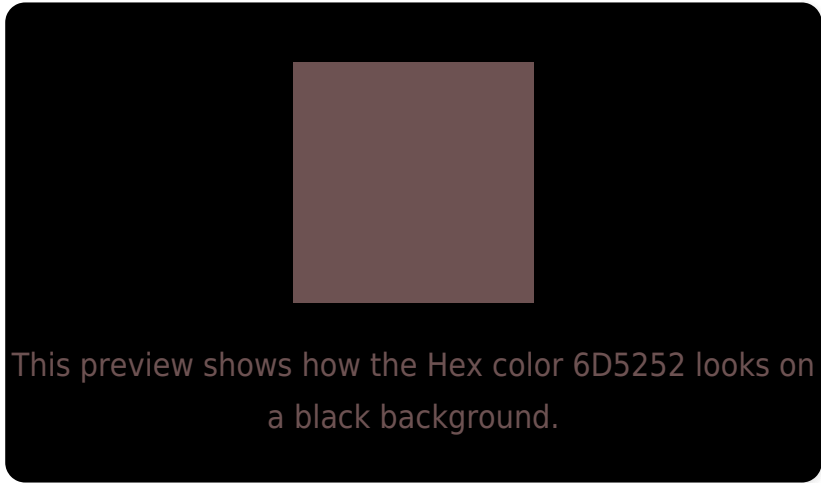
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D5252 Background



This preview shows how black text looks on a background with the Hex color 6D5252.



This preview shows how white text looks on a background with the Hex color 6D5252.

# 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**  
6D5252

**Protanopia**  
5B5856

**Deuteranopia**  
645651



**Tritanopia**  
6E5157

# Trichromacy



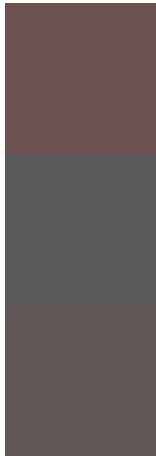
**Original Color**  
6D5252

**Protanomaly**  
625655

**Deuteranomaly**  
675551

**Tritanomaly**  
6E5155

# Monochromacy



**Original Color**  
6D5252

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
615757

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D5252 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 #6D5252 looks like.

```
.text, #text, p{  
    color:#6D5252  
}
```

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 #6D5252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5252
}
```

## Border

The CSS property to change the border of an element to Hex 6D5252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

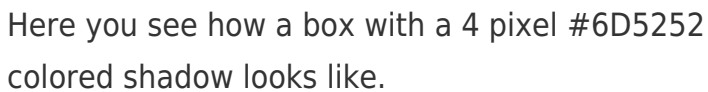
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5252 }
```

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

```
.border{ border-color:#6D5252 }
```

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



Here you see how a box with a 4 pixel #6D5252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5252; -webkit-box-shadow:4px 4px  
4px 4px #6D5252; box-shadow:4px 4px 4px  
4px #6D5252 }
```

# Background

The CSS property to change the background color of an element to Hex 6D5252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5252 }
```

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

```
.background{ background-color:#6D5252 }
```

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