

# Converting Colors

Hex(4C5452)

Have a look what the booklet for  
Hex(4C5452) contains.

<b>Hex(4C5452)</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(4C5452)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C5452
RGB	76, 84, 82
RGB Percent	30%, 33%, 32%
CMY	0.7020, 0.6706, 0.6784
CMYK	0.10, 0.00, 0.02, 0.67
HSL	165°, 5%, 31%
HSV	165°, 10%, 33%
XYZ	7.6738, 8.4863, 9.2162
YIQ	81.3800, -4.1260, -2.3180

# Conversions

## Conversions Part 2

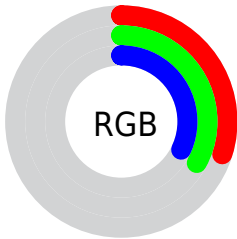
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 81, 84
Decimal	5002322
CIE Lab	34.98, -3.62, 0.08
CIE LCh	35, 3.621, 178.797
Yxy	8.4863, 0.3024, 0.3344
Android (android.graphics.Color)	4283192402 (0xFF4C5452)
YUV	81.3800, 0.3057, -4.7183
Hunter-Lab	29.1313, -3.9592, 1.6345

# Details

The Hex color **4C5452** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **544C4E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7D8583**, and **202725** is the 20% darker color. If you saturate the color by 10%, you get **445450**, and if you desaturate by 10%, it is **545454**.

# Distribution



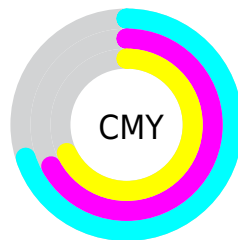
- Red (30%)
- Green (33%)
- Blue (32%)



- Red (30%)
- Yellow (32%)
- Blue (33%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (67%)



- Cyan (70%)
- Magenta (67%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C5452 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 4C5452 by changing the saturation by 10% instead.





4C5452



4C5452

FFFFFF



353D3B



7D8583



202725



97A09D



091311



B1BBB8



000000



CDD6D4



E9F3F0



4C5452



4C5452



445450



545454



3B544E



5D5456

■ 33544C

■ 655458

■ 2A544A

■ 6E545A

■ 225448

■ 76545C

■ 1A5445

■ 7E545F

■ 115443

■ 875461

■ 095441

■ 8F5463

■ 00543F

■ 985465

# Harmonies

## Analogous

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



4E544F



4C5452



4B5455

# Triad

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



4C5452



535257



57514D

# Complementary

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



4C5452



544C4E

# 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.



595050



4C5452



565155

# Square

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



4C5452



4F5358



585052



55524D

# Rectangle

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



4C5452



4C5456



585052



58514E



# Sweetspot

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



4C5452



6A6E6D



4E544C



363838



B8B8B8



383838



# Same Dimension

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



4C5452



626E6B



4C5254



252928



00694E



00E8AE



# Inverse Universe

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



544C4E



6E6265



544E4C



292526



69001A



E8003A



# Previews

## White Background



This preview shows how the Hex color 4C5452 looks on a white background.

## Color Contrast Check

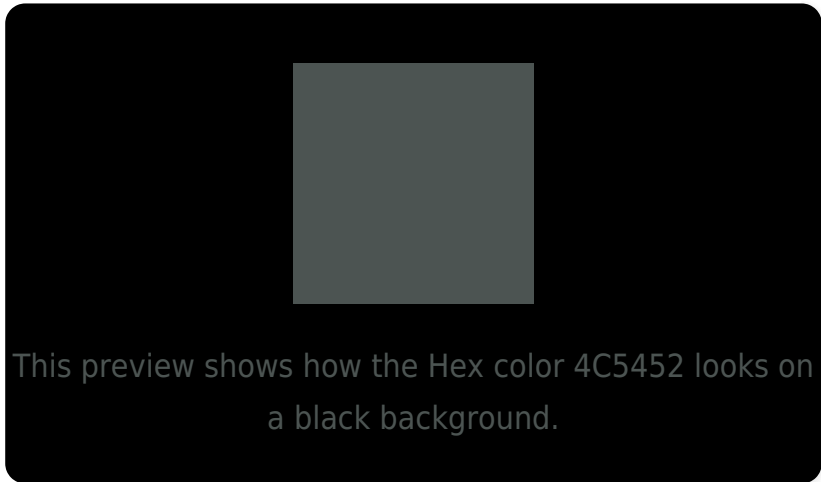
Large Text (above 18pt) WCAG AA ✓ Pass

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

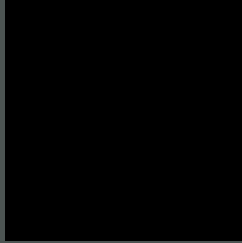
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

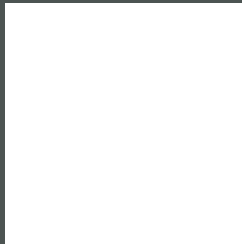
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C5452 Background



This preview shows how black text looks on a background with the Hex color 4C5452.

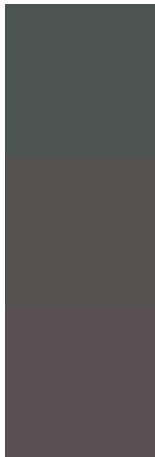


This preview shows how white text looks on a background with the Hex color 4C5452.

# 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**  
4C5452

**Protanopia**  
545251

**Deuteranopia**  
5A5053



**Tritanopia**  
4D5359

# Trichromacy



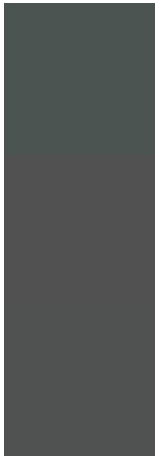
**Original Color**  
4C5452

**Protanomaly**  
515351

**Deuteranomaly**  
555153

**Tritanomaly**  
4D5356

# Monochromacy



**Original Color**  
4C5452

**Achromatopsia**  
515151

**Achromatomaly**  
4F5251

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C5452 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 #4C5452 looks like.

```
.text, #text, p{  
    color:#4C5452  
}
```

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 #4C5452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5452
}
```

## Border

The CSS property to change the border of an element to Hex 4C5452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

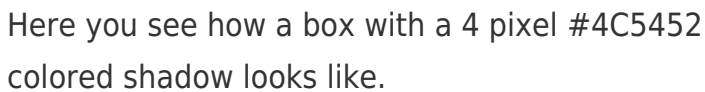
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5452 }
```

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

```
.border{ border-color:#4C5452 }
```

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



Here you see how a box with a 4 pixel #4C5452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5452; -webkit-box-shadow:4px 4px  
4px 4px #4C5452; box-shadow:4px 4px 4px  
4px #4C5452 }
```

# Background

The CSS property to change the background color of an element to Hex 4C5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5452 }
```

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

```
.background{ background-color:#4C5452 }
```

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