

# Converting Colors

Hex(455151)

Have a look what the booklet for  
Hex(455151) contains.

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# Color

**Hex(455151)**

# Conversions

## Conversions Part 1

Format	Color
Hex	455151
RGB	69, 81, 81
RGB Percent	27%, 32%, 32%
CMY	0.7294, 0.6824, 0.6824
CMYK	0.15, 0.00, 0.00, 0.68
HSL	180°, 8%, 29%
HSV	180°, 15%, 32%
XYZ	6.8819, 7.7441, 8.9166
YIQ	77.4120, -7.1520, -2.5440

# Conversions

## Conversions Part 2

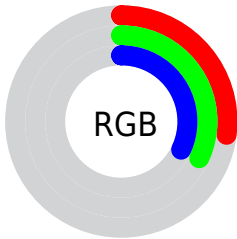
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 75, 81
Decimal	4542801
CIELab	33.44, -4.72, -1.60
CIElCh	33, 4.989, 198.740
Yxy	7.7441, 0.2923, 0.3289
Android (android.graphics.Color)	4282732881 (0xFF455151)
YUV	77.4120, 1.7689, -7.3773
Hunter-Lab	27.8283, -4.5569, 0.4824

# Details

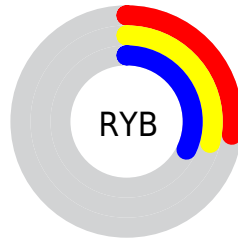
The Hex color **455151** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **514545**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **758282**, and **1A2425** is the 20% darker color. If you saturate the color by 10%, you get **3D5151**, and if you desaturate by 10%, it is **4D5151**.

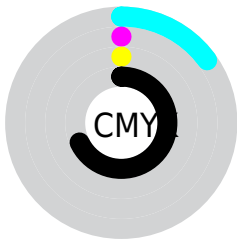
# Distribution



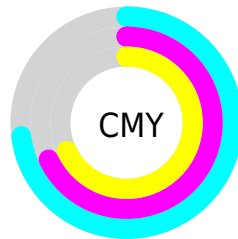
- Red (27%)
- Green (32%)
- Blue (32%)



- Red (27%)
- Yellow (29%)
- Blue (32%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (68%)



- Cyan (73%)
- Magenta (68%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 455151 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 455151 by changing the saturation by 10% instead.





455151



455151

FFFFFF



2F3A3A



758282



1A2425



8F9C9C



00100F



A9B7B7



000000



C5D3D3



E1EFEF

FDFEFF



455151



455151



3D5151



4D5151

■ 355151

■ 555151

■ 2D5151

■ 5D5151

■ 255151

■ 655151

■ 1C5151

■ 6E5151

■ 145151

■ 765151

■ 0C5151

■ 7E5151

■ 045151

■ 865151

■ 005151

■ 8E5151

# Harmonies

## Analogous

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



47514D



455151



465054

# Triad

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



455151



524D54



534E47

# Complementary

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



455151



514545

# 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.



564D49



455151



564C50

# Square

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



455151



4E4E56



574C4C



4F4F47

# Rectangle

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



455151



485056



574C4C



554D47



# Sweetspot

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



455151



646969



455145



333636



B5B5B5



363636



# Same Dimension

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



455151



566969



454B51



252929



006969



00E8E8



# Inverse Universe

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



514551



695669



514B45



292529



690069

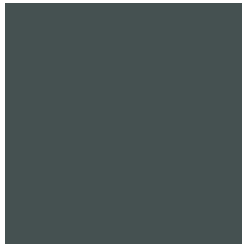


E800E8



# Previews

## White Background



This preview shows how the Hex color 455151 looks on a white background.

## Color Contrast Check

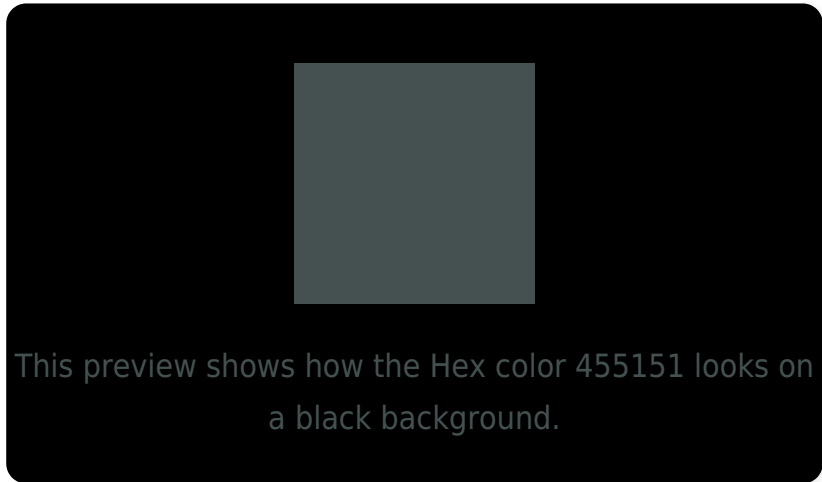
Large Text (above 18pt) WCAG AA ✓ Pass

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

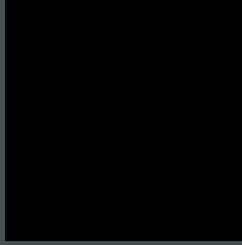
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

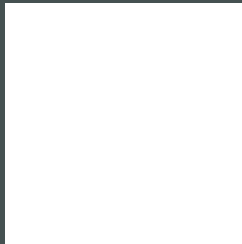
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 455151 Background



This preview shows how black text looks on a background with the Hex color 455151.

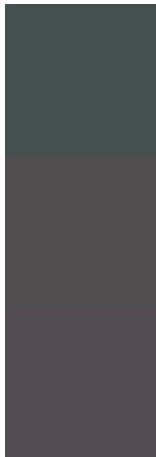


This preview shows how white text looks on a background with the Hex color 455151.

# 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**  
455151

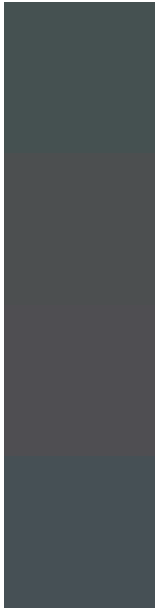
**Protanopia**  
504E4F

**Deuteranopia**  
554C52



**Tritanopia**  
465057

# Trichromacy



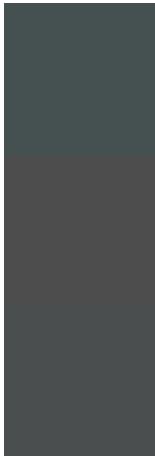
**Original Color**  
455151

**Protanomaly**  
4C4F50

**Deuteranomaly**  
4F4E52

**Tritanomaly**  
465055

# Monochromacy



**Original Color**  
455151

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4A4E4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 455151 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 #455151 looks like.

```
.text, #text, p{  
    color:#455151  
}
```

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 #455151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455151
}
```

## Border

The CSS property to change the border of an element to Hex 455151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

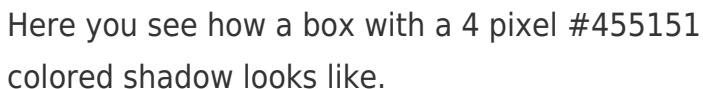
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#455151 }
```

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

```
.border{ border-color:#455151 }
```

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



Here you see how a box with a 4 pixel #455151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455151; -webkit-box-shadow:4px 4px  
4px 4px #455151; box-shadow:4px 4px 4px  
4px #455151 }
```

# Background

The CSS property to change the background color of an element to Hex 455151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455151 }
```

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

```
.background{ background-color:#455151 }
```

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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