

# Converting Colors

Hex(515251)

Have a look what the booklet for  
Hex(515251) contains.

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# Color

**Hex(515251)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 515251                    |
| RGB         | 81, 82, 81                |
| RGB Percent | 32%, 32%, 32%             |
| CMY         | 0.6824, 0.6784, 0.6824    |
| CMYK        | 0.01, 0.00, 0.01, 0.68    |
| HSL         | 120°, 1%, 32%             |
| HSV         | 120°, 1%, 32%             |
| XYZ         | 7.8958, 8.3780, 8.9855    |
| YIQ         | 81.5870, -0.2750, -0.5230 |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 81, 82, 82                   |
| Decimal                             | 5329489                      |
| CIE Lab                             | 34.76, -0.62, 0.44           |
| CIE LCh                             | 35, 0.758, 144.560           |
| Yxy                                 | 8.3780, 0.3126,<br>0.3317    |
| Android<br>(android.graphics.Color) | 4283519569<br>(0xFF515251)   |
| YUV                                 | 81.5870, -0.2894,<br>-0.5148 |
| Hunter-Lab                          | 28.9448, -1.9604,<br>1.8555  |

# Details

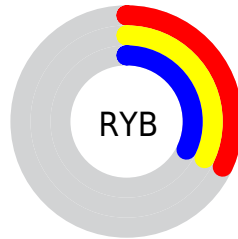
The Hex color **515251** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **525152**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **828382**, and **252525** is the 20% darker color. If you saturate the color by 10%, you get **495249**, and if you desaturate by 10%, it is **595259**.

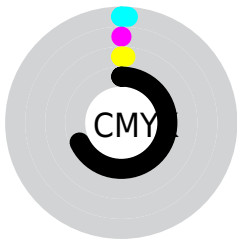
# Distribution



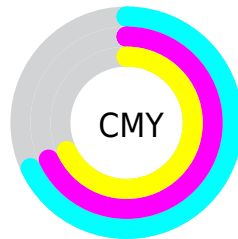
- Red (32%)
- Green (32%)
- Blue (32%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (68%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 515251 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 515251 by changing the saturation by 10% instead.





515251



515251

FFFFFF



3A3B3A



828382



252525



9C9D9C



0F110F



B7B8B7



000000



D3D4D3



EFF0EF



515251



515251



495249



595259



415241



615261

■ 385238

■ 6A526A

■ 305230

■ 725272

■ 285228

■ 7A527A

■ 205220

■ 825282

■ 185218

■ 8A528A

■ 0F520F

■ 935293

■ 075207

■ 9B529B

# Harmonies

## Analogous

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



525251



515251



505252

# Triad

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



515251



515253



535151

# Complementary

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



515251



525152

# 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.



535152



515251



525253

# Square

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



515251



515253



525152



535151

# Rectangle

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



515251



505252



525152



535151



# Sweetspot

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



515251



6B6B6B



525251



363636



B5B5B5

# Same Dimension

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



515251



6A6B6A



282928



006900



00E800

# Inverse Universe

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



525152



6B6A6B



525151



292829



690069

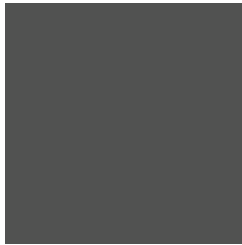


E800E8



# Previews

## White Background



This preview shows how the Hex color 515251 looks on a white background.

## Color Contrast Check

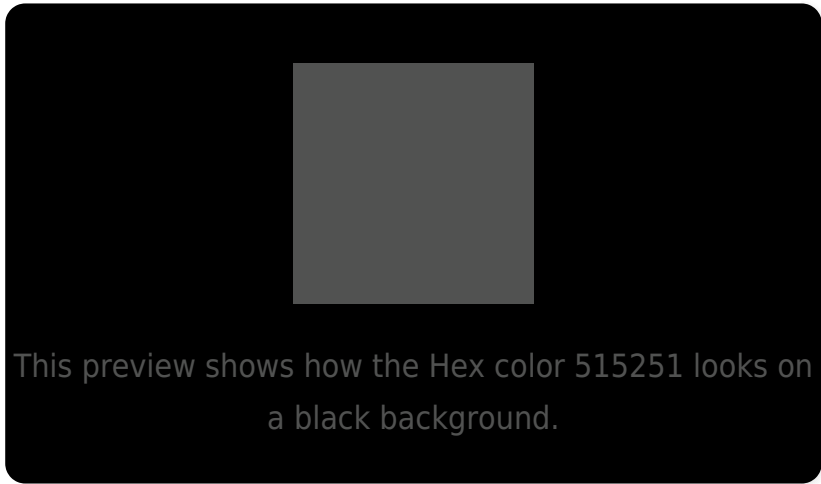
Large Text (above 18pt) WCAG AA ✓ Pass

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

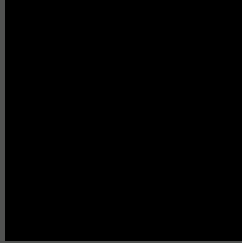
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

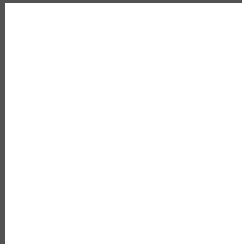
Any Text WCAG AAA × Fail

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

## Hex 515251 Background



This preview shows how black text looks on a background with the Hex color 515251.



This preview shows how white text looks on a background with the Hex color 515251.

# 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**  
515251

**Protanopia**  
535151

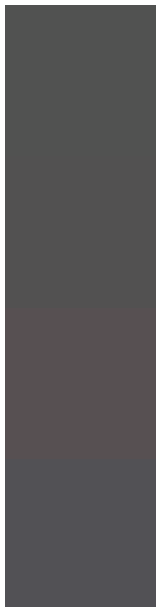
**Deuteranopia**  
5A4F52





**Tritanopia**  
525157

# Trichromacy



**Original Color**

515251

**Protanomaly**

525151

**Deuteranomaly**

575052

**Tritanomaly**

525155

# Monochromacy



**Original Color**

515251

**Achromatopsia**

525252

**Achromatomaly**

525252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 515251 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 #515251 looks like.

```
.text, #text, p{  
    color:#515251  
}
```

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 #515251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515251
}
```

## Border

The CSS property to change the border of an element to Hex 515251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

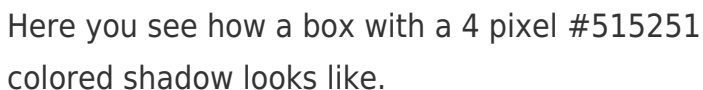
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#515251 }
```

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

```
.border{ border-color:#515251 }
```

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



Here you see how a box with a 4 pixel #515251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515251; -webkit-box-shadow:4px 4px  
4px 4px #515251; box-shadow:4px 4px 4px  
4px #515251 }
```

# Background

The CSS property to change the background color of an element to Hex 515251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515251 }
```

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

```
.background{ background-color:#515251 }
```

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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