

Converting Colors

Hex(504055)

Have a look what the booklet for
Hex(504055) contains.

Hex(504055)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(504055)

Conversions

Conversions Part 1

Format	Color
Hex	504055
RGB	80, 64, 85
RGB Percent	31%, 25%, 33%
CMY	0.6863, 0.7490, 0.6667
CMYK	0.06, 0.25, 0.00, 0.67
HSL	286°, 14%, 29%
HSV	286°, 25%, 33%
XYZ	6.7814, 6.0281, 9.4005
YIQ	71.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

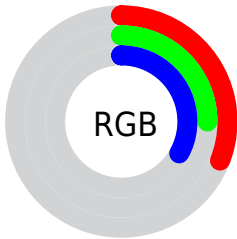
Format	Color
R_YB	80, 64, 85
Decimal	5259349
CIE Lab	29.48, 11.33, -9.98
CIE LCh	29, 15.095, 318.636
Yxy	6.0281, 0.3053, 0.2714
Android (android.graphics.Color)	4283449429 (0xFF504055)
YUV	71.1780, 6.8142, 7.7369
Hunter-Lab	24.5523, 6.3353, -5.5141

Details

The Hex color **504055** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **455540**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **817087**, and **231528** is the 20% darker color. If you saturate the color by 10%, you get **4E3755**, and if you desaturate by 10%, it is **524955**.

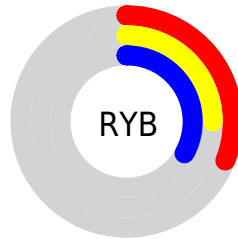
Distribution



Red (31%)

Green (25%)

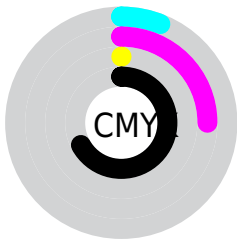
Blue (33%)



Red (31%)

Yellow (25%)

Blue (33%)

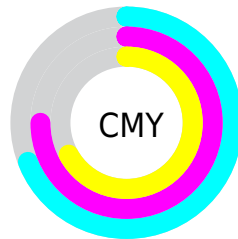


Cyan (6%)

Magenta (25%)

Yellow (0%)

Black (67%)



Cyan (69%)

Magenta (75%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504055 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 504055 by changing the saturation by 10% instead.

■ 504055

■ 504055

FFFFFF

■ 392A3E

■ 817087

■ 231528

■ 9C89A1

■ 0D0014

■ B6A4BC

■ 000000

■ D2BFD8

■ EEDBF4

■ FFF7FF

■ 504055

■ 504055

■ 4E3755

■ 524955

■ 4C2F55

■ 545155

■ 4A2755

■ 565955

■ 481E55

■ 586255

■ 461555

■ 5A6A55

■ 440D55

■ 5C7355

■ 420555

■ 5E7B55

■ 410055

■ 608455

■ 628C55

Harmonies

Analogous

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



41445C



504055



5A3D4A

Triad

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



504055



52432F



224C4C

Complementary

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



504055



455540

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.



2C4C40



504055



46472F

Square

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



504055



5A3F34



394A36



234B57

Rectangle

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



504055



5D3D42



394A36



254C49

Sweetspot

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



504055



6C666E



404555



373438



B8B8B8



383838

Same Dimension

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



504055



664D6E



554050



2A272B



52006B



B300EB

Inverse Universe

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



554045



6E4D55



405545



2B2728



6B0019



EB0038

Previews

White Background



This preview shows how the Hex color 504055 looks on a white background.

Color Contrast Check

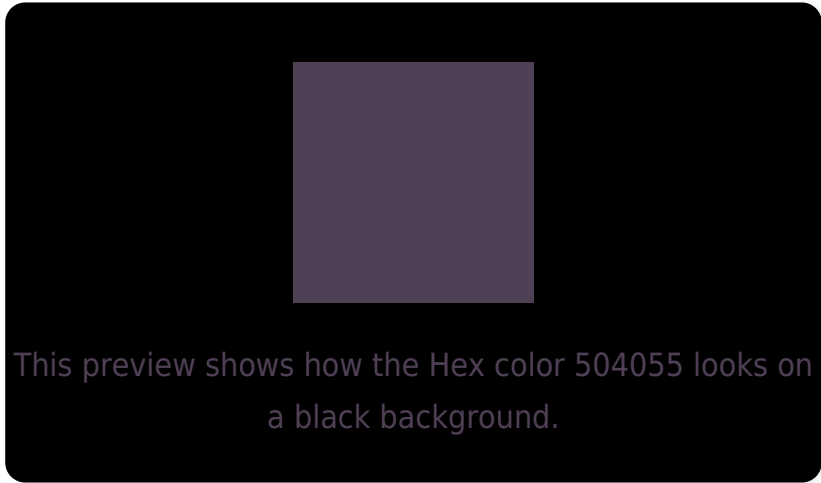
Large Text (above 18pt) WCAG AA ✓ Pass

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

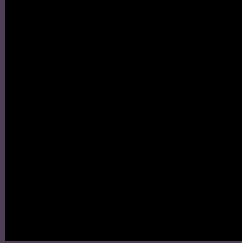
Any Text WCAG AA × Fail

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 504055 Background



This preview shows how black text looks on a background with the Hex color 504055.



This preview shows how white text looks on a background with the Hex color 504055.

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](#).

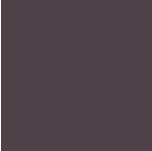
Dichromacy



Original Color
504055

Protanopia
414558

Deuteranopia
454454



Tritanopia
4E4248

Trichromacy



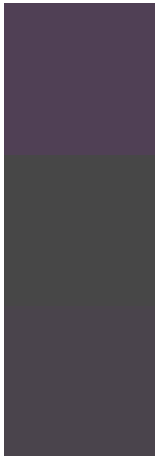
Original Color
504055

Protanomaly
464357

Deuteranomaly
494354

Tritanomaly
4F414D

Monochromacy



Original Color
504055

Achromatopsia
474747

Achromatomaly
4A444C

CSS Examples

Text

The CSS property to change the color of the text to Hex 504055 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 #504055 looks like.

```
.text, #text, p{  
    color:#504055  
}
```

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 #504055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504055
}
```

Border

The CSS property to change the border of an element to Hex 504055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

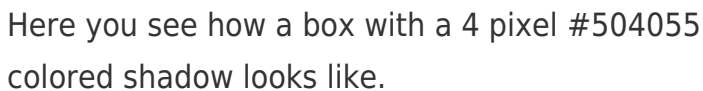
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#504055 }
```

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

```
.border{ border-color:#504055 }
```

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



Here you see how a box with a 4 pixel #504055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504055; -webkit-box-shadow:4px 4px  
4px 4px #504055; box-shadow:4px 4px 4px  
4px #504055 }
```

Background

The CSS property to change the background color of an element to Hex 504055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504055 }
```

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

```
.background{ background-color:#504055 }
```

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