

Converting Colors

Hex(504158)

Have a look what the booklet for
Hex(504158) contains.

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Color

Hex(504158)

Conversions

Conversions Part 1

Format	Color
Hex	504158
RGB	80, 65, 88
RGB Percent	31%, 25%, 35%
CMY	0.6863, 0.7451, 0.6549
CMYK	0.09, 0.26, 0.00, 0.65
HSL	279°, 15%, 30%
HSV	279°, 26%, 35%
XYZ	6.9600, 6.1906, 10.0606
YIQ	72.1070, 1.5570, 10.3330

Conversions

Conversions Part 2

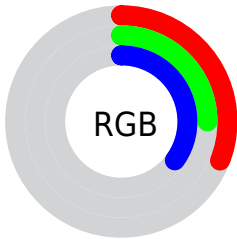
Format	Color
R_{YB}	80, 65, 88
Decimal	5259608
CIE _{Lab}	29.89, 11.39, -11.30
CIE _{LCh}	30, 16.043, 315.225
Yxy	6.1906, 0.2999, 0.2667
Android (android.graphics.Color)	4283449688 (0xFF504158)
YUV	72.1070, 7.8352, 6.9222
Hunter-Lab	24.8810, 6.3904, -6.5571




Details

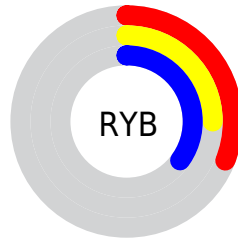
The Hex color **504158** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **495841**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **81718A**, and **23162B** is the 20% darker color. If you saturate the color by 10%, you get **4D3858**, and if you desaturate by 10%, it is **534A58**.

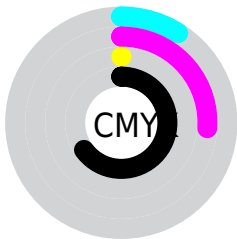
Distribution







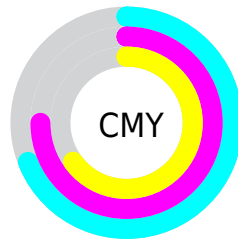
-  Red (31%)
-  Green (25%)
-  Blue (35%)






-  Red (31%)
-  Yellow (25%)
-  Blue (35%)



-  Cyan (9%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (69%)
-  Magenta (75%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504158 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 504158 by changing the saturation by 10% instead.

■ 504158

■ 504158

FFFFFF

■ 392B41

■ 81718A

■ 23162B

■ 9C8AA4

■ 0F0017

■ B6A5BF

■ 000000

■ D2C0DB

■ EEDCF8

■ FFF8FF

■ 504158

■ 504158

■ 4D3858

■ 534A58

■ 4A2F58

■ 565358

■ 472758

■ 595B58

■ 441E58

■ 5C6458

■ 411558

■ 5F6D58

■ 3E0C58

■ 627658

■ 3B0358

■ 657F58

■ 390058

■ 688758

■ 6C9058

Harmonies

Analogous

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



40455E



504158



5B3E4D

Triad

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



504158



55432F



214D4C

Complementary

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



504158



495841

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.



2C4D40



504158



49482E

Square

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



504158



5D4035



3B4B35



204C58

Rectangle

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



504158



5F3D45



3B4B35



244D48

Sweetspot

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



504158



706A73



414958



39353B



BABABA



3B3B3B

Same Dimension

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



504158



664F73



584155



2A272B



46006B



9900EB

Inverse Universe

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



584149



734F5C



415844



2B2729



6B0025



EB0052

Previews

White Background



This preview shows how the Hex color 504158 looks on a white background.

Color Contrast Check

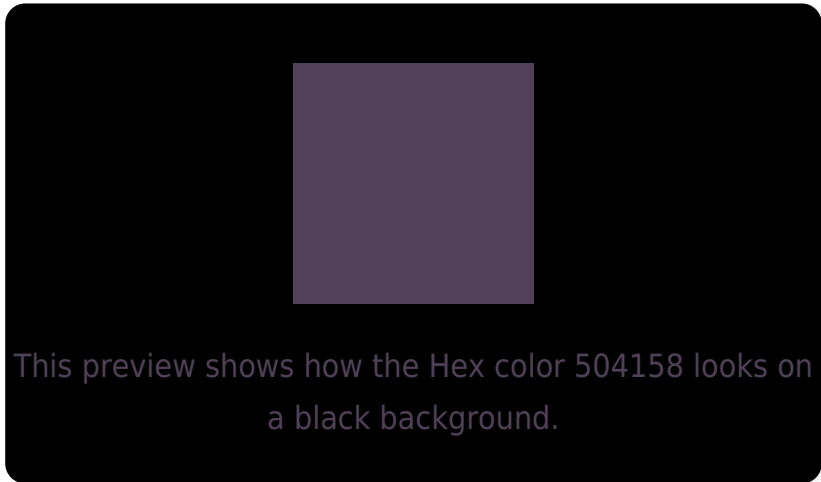
Large Text (above 18pt) WCAG AA ✓ Pass

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

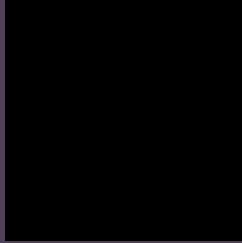
Any Text WCAG AA × Fail

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 504158 Background



This preview shows how black text looks on a background with the Hex color 504158.

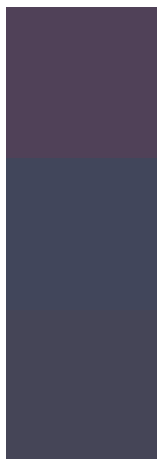


This preview shows how white text looks on a background with the Hex color 504158.

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](#).

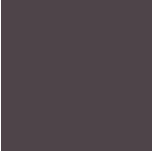
Dichromacy



Original Color
504158

Protanopia
41465B

Deuteranopia
454557



Tritanopia
4E4449

Trichromacy



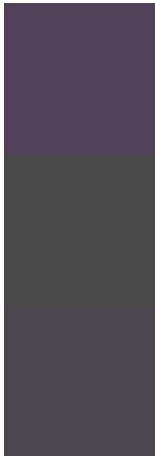
Original Color
504158

Protanomaly
46445A

Deuteranomaly
494457

Tritanomaly
4F434E

Monochromacy



Original Color
504158

Achromatopsia
484848

Achromatomaly
4B454E

CSS Examples

Text

The CSS property to change the color of the text to Hex 504158 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 #504158 looks like.

```
.text, #text, p{  
    color:#504158  
}
```

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 #504158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504158
}
```

Border

The CSS property to change the border of an element to Hex 504158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

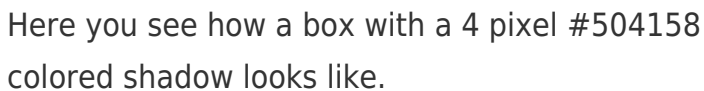
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#504158 }
```

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

```
.border{ border-color:#504158 }
```

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



Here you see how a box with a 4 pixel #504158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504158; -webkit-box-shadow:4px 4px  
4px 4px #504158; box-shadow:4px 4px 4px  
4px #504158 }
```

Background

The CSS property to change the background color of an element to Hex 504158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504158 }
```

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

```
.background{ background-color:#504158 }
```

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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