

Converting Colors

Hex(4C4153)

Have a look what the booklet for
Hex(4C4153) contains.

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Color

Hex(4C4153)

Conversions

Conversions Part 1

Format	Color
Hex	4C4153
RGB	76, 65, 83
RGB Percent	30%, 25%, 33%
CMY	0.7020, 0.7451, 0.6745
CMYK	0.08, 0.22, 0.00, 0.67
HSL	277°, 12%, 29%
HSV	277°, 22%, 33%
XYZ	6.4321, 5.9416, 8.9915
YIQ	70.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

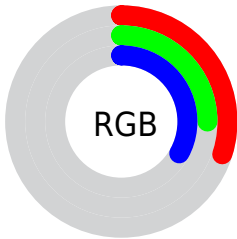
Format	Color
RYB	76, 65, 83
Decimal	4997459
CIELab	29.26, 8.65, -9.05
CIElCh	29, 12.519, 313.698
Yxy	5.9416, 0.3011, 0.2781
Android (android.graphics.Color)	4283187539 (0xFF4C4153)
YUV	70.3410, 6.2409, 4.9629
Hunter-Lab	24.3755, 4.4450, -4.8077

Details

The Hex color **4C4153** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **485341**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7D7184**, and **201626** is the 20% darker color. If you saturate the color by 10%, you get **493953**, and if you desaturate by 10%, it is **4F4953**.

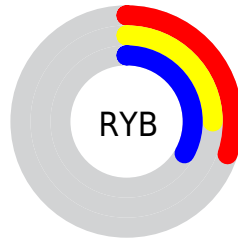
Distribution



 Red (30%)

 Green (25%)

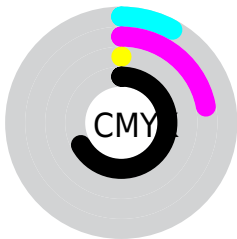
 Blue (33%)



 Red (30%)

 Yellow (25%)

 Blue (33%)

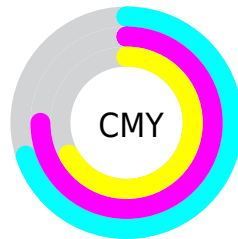


 Cyan (8%)

 Magenta (22%)

 Yellow (0%)

 Black (67%)



 Cyan (70%)

 Magenta (75%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4153 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 4C4153 by changing the saturation by 10% instead.

■ 4C4153

■ 4C4153

FFFFFF

■ 352B3C

■ 7D7184

■ 201626

■ 978A9F

■ 050012

■ B2A5BA

■ 000000

■ CDC0D5

■ E9DCF2

■ FFF8FF

■ 4C4153

■ 4C4153

■ 493953

■ 4F4953

■ 463053

■ 525253

■ 422853

■ 565A53

■ 3F2053

■ 596253

■ 3C1753

■ 5C6A53

■ 390F53

■ 5F7353

■ 350753

■ 637B53

■ 330053

■ 668353

■ 698C53

Harmonies

Analogous

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



3F4458



4C4153



553F4B

Triad

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



4C4153



514333



2A4A49

Complementary

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



4C4153



485341

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.



324A3F



4C4153



484632

Square

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



4C4153



574038



3D4837



2A4A52

Rectangle

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



4C4153



583E44



3D4837



2C4A46

Sweetspot

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



4C4153



68646B



414853



343136



B5B5B5



363636

Same Dimension

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



4C4153



604F6B



534151



272529



400069



8E00E8

Inverse Universe

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



534148



6B4F5A



415343



292526



690029



E8005A

Previews

White Background



This preview shows how the Hex color 4C4153 looks on a white background.

Color Contrast Check

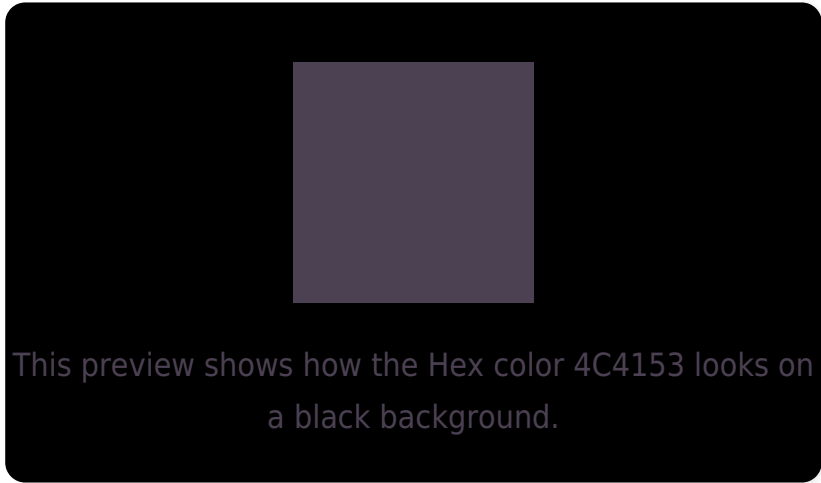
Large Text (above 18pt) WCAG AA ✓ Pass

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

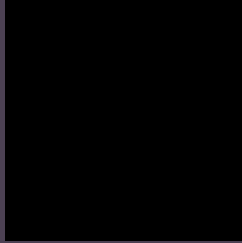
Any Text WCAG AA × Fail

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 4C4153 Background



This preview shows how black text looks on a background with the Hex color 4C4153.



This preview shows how white text looks on a background with the Hex color 4C4153.

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

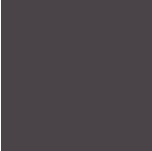
4C4153

Protanopia

414455

Deuteranopia

454353



Tritanopia
4A4348

Trichromacy



Original Color

4C4153

Protanomaly

454354

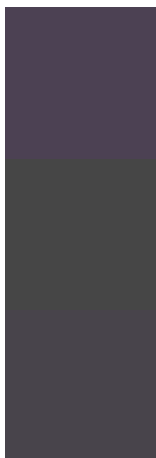
Deuteranomaly

484253

Tritanomaly

4B424C

Monochromacy



Original Color

4C4153

Achromatopsia

464646

Achromatomaly

48444B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4153 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 #4C4153 looks like.

```
.text, #text, p{  
    color:#4C4153  
}
```

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 #4C4153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4153
}
```

Border

The CSS property to change the border of an element to Hex 4C4153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

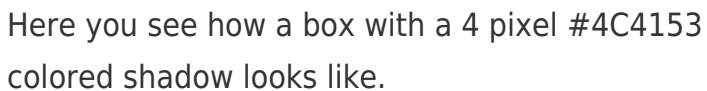
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4153 }
```

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

```
.border{ border-color:#4C4153 }
```

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



Here you see how a box with a 4 pixel #4C4153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4153; -webkit-box-shadow:4px 4px  
4px 4px #4C4153; box-shadow:4px 4px 4px  
4px #4C4153 }
```

Background

The CSS property to change the background color of an element to Hex 4C4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4153 }
```

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

```
.background{ background-color:#4C4153 }
```

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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