

Converting Colors

Hex(4D455C)

Have a look what the booklet for
Hex(4D455C) contains.

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Color

Hex(4D455C)

Conversions

Conversions Part 1

Format	Color
Hex	4D455C
RGB	77, 69, 92
RGB Percent	30%, 27%, 36%
CMY	0.6980, 0.7294, 0.6392
CMYK	0.16, 0.25, 0.00, 0.64
HSL	261°, 14%, 32%
HSV	261°, 25%, 36%
XYZ	7.1205, 6.6067, 11.0252
YIQ	74.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

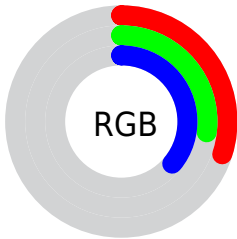
Format	Color
R_{YB}	77, 69, 92
Decimal	5064028
CIE Lab	30.89, 8.65, -12.37
CIE LCh	31, 15.091, 304.964
Yxy	6.6067, 0.2877, 0.2669
Android (android.graphics.Color)	4283254108 (0xFF4D455C)
YUV	74.0140, 8.8671, 2.6187
Hunter-Lab	25.7036, 4.4672, -7.4391




Details

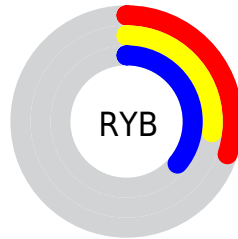
The Hex color **4D455C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **545C45**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **7E758E**, and **201A2E** is the 20% darker color. If you saturate the color by 10%, you get **473C5C**, and if you desaturate by 10%, it is **534E5C**.

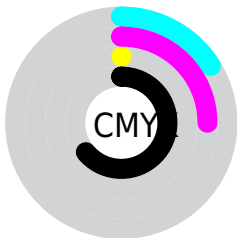
Distribution







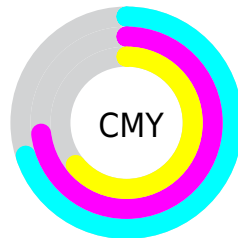
-  Red (30%)
-  Green (27%)
-  Blue (36%)






-  Red (30%)
-  Yellow (27%)
-  Blue (36%)



-  Cyan (16%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (70%)
-  Magenta (73%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D455C 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 4D455C by changing the saturation by 10% instead.

■ 4D455C

■ 4D455C

FFFFFF

■ 362F44

■ 7E758E

■ 201A2E

■ 988FA9

■ 0C001A

■ B3A9C4

■ 000000

■ CFC4E0

■ EBE0FD

■ FFFDFD

■ 4D455C

■ 4D455C

■ 473C5C

■ 534E5C

■ 41335C

■ 59575C

■ 3B295C

■ 5F615C

■ 35205C

■ 656A5C

■ 2F175C

■ 6B735C

■ 290E5C

■ 717C5C

■ 23055C

■ 77855C

■ 20005C

■ 7D8F5C

■ 83985C

Harmonies

Analogous

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



3D4960



4D455C



594153

Triad

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



4D455C



5A4534



294F4A

Complementary

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



4D455C



545C45

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.



354E3E



4D455C



4F4931

Square

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



4D455C



60413C



424C35



254F56

Rectangle

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



4D455C



5E404B



424C35



2C4F46

Sweetspot

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



4D455C



726E78



45545C



39373D



BDBDBD



3D3D3D

Same Dimension

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



4D455C



605478



58455C



2B292E



26006E



5200ED

Inverse Universe

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



5C4554



78546B



495C45



2E292C



6E0048



ED009B

Previews

White Background



This preview shows how the Hex color 4D455C looks on a white background.

Color Contrast Check

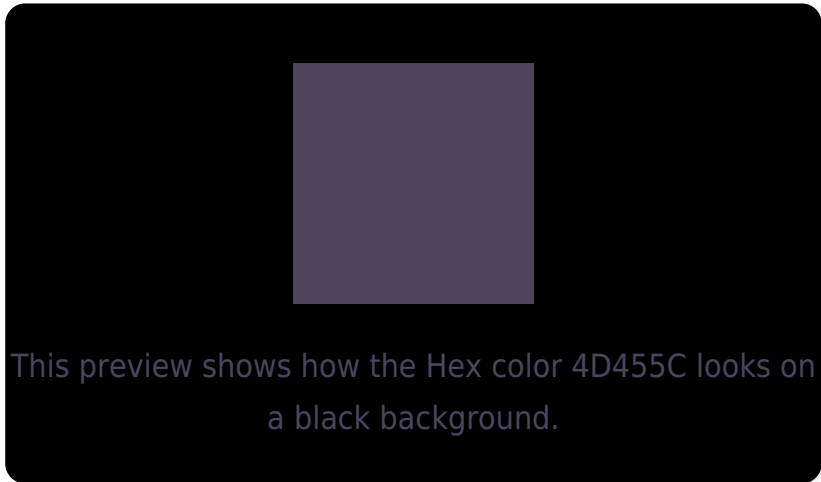
Large Text (above 18pt) WCAG AA ✓ Pass

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

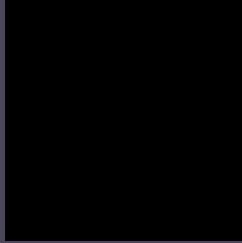
Any Text WCAG AA × Fail

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 4D455C Background



This preview shows how black text looks on a background with the Hex color 4D455C.

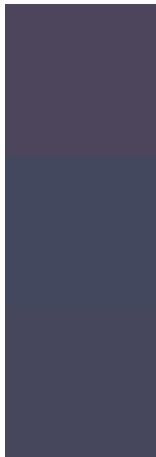


This preview shows how white text looks on a background with the Hex color 4D455C.

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
4D455C

Protanopia
43485E

Deuteranopia
46475C



Tritanopia
4A484D

Trichromacy



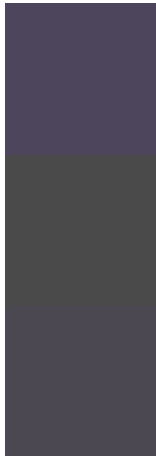
Original Color
4D455C

Protanomaly
47475D

Deuteranomaly
49465C

Tritanomaly
4B4752

Monochromacy



Original Color
4D455C

Achromatopsia
4A4A4A

Achromatomaly
4B4851

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D455C 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 #4D455C looks like.

```
.text, #text, p{  
    color:#4D455C  
}
```

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 #4D455C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D455C
}
```

Border

The CSS property to change the border of an element to Hex 4D455C is called "border". The border property can be set on classes, ids or directly on the HTML element.

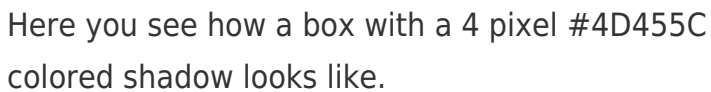
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D455C }
```

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

```
.border{ border-color:#4D455C }
```

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



Here you see how a box with a 4 pixel #4D455C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D455C; -webkit-box-shadow:4px 4px  
4px 4px #4D455C; box-shadow:4px 4px 4px  
4px #4D455C }
```

Background

The CSS property to change the background color of an element to Hex 4D455C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D455C }
```

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

```
.background{ background-color:#4D455C }
```

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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