

Converting Colors

Hex(4C4D5E)

Have a look what the booklet for
Hex(4C4D5E) contains.

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Color

Hex(4C4D5E)

Conversions

Conversions Part 1

Format	Color
Hex	4C4D5E
RGB	76, 77, 94
RGB Percent	30%, 30%, 37%
CMY	0.7020, 0.6980, 0.6314
CMYK	0.19, 0.18, 0.00, 0.63
HSL	237°, 11%, 33%
HSV	237°, 19%, 37%
XYZ	7.6547, 7.6524, 11.6633
YIQ	78.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

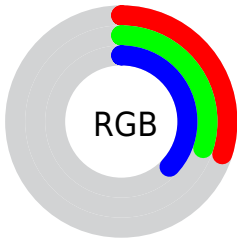
Format	Color
R_{YB}	76, 77, 94
Decimal	5000542
CIE Lab	33.25, 3.65, -10.07
CIE LCh	33, 10.713, 289.903
Yxy	7.6524, 0.2838, 0.2837
Android (android.graphics.Color)	4283190622 (0xFF4C4D5E)
YUV	78.6390, 7.5730, -2.3144
Hunter-Lab	27.6630, 0.9833, -5.6338

Details

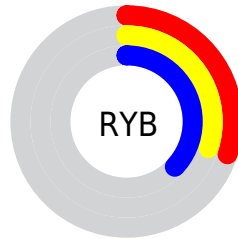
The Hex color **4C4D5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E5D4C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7D7E90**, and **202130** is the 20% darker color. If you saturate the color by 10%, you get **43445E**, and if you desaturate by 10%, it is **55565E**.

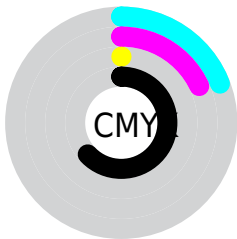
Distribution



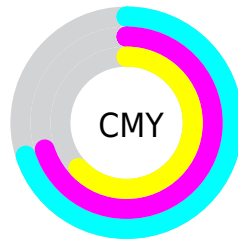
- Red (30%)
- Green (30%)
- Blue (37%)



- Red (30%)
- Yellow (30%)
- Blue (37%)



- Cyan (19%)
- Magenta (18%)
- Yellow (0%)
- Black (63%)



- Cyan (70%)
- Magenta (70%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4D5E 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 4C4D5E by changing the saturation by 10% instead.

■ 4C4D5E

■ 4C4D5E

FFFFFF

■ 353646

■ 7D7E90

■ 202130

■ 9798AB

■ 0A0A1B

■ B2B2C6

■ 000000

■ CDCEE2

■ EAEAFF

■ 4C4D5E

■ 4C4D5E

■ 43445E

■ 55565E

■ 393B5E

■ 5F5F5E

■ 30325E

■ 68685E

■ 26295E

■ 72715E

■ 1D215E

■ 7B795E

■ 14185E

■ 84825E

■ 0A0F5E

■ 8E8B5E

■ 01065E

■ 97945E

■ 00055E

■ A19D5E

Harmonies

Analogous

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



41505F



4C4D5E



564A59

Triad

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



4C4D5E



5E4A42



3C534B

Complementary

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



4C4D5E



5E5D4C

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.



455243



4C4D5E



584D3E

Square

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



4C4D5E



604849



4F4F3E



385354

Rectangle

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



4C4D5E



5C4954



4F4F3E



3F5348

Sweetspot

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



4C4D5E



73737A



4C5E5D



39393D



BDBDBD



3D3D3D

Same Dimension

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



4C4D5E



5E607A



544C5E



292A2E



00066E



000DED

Inverse Universe

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



5E4C4D



7A5E60



565E4C



2E292A



6E0006



ED000D

Previews

White Background



This preview shows how the Hex color 4C4D5E looks on a white background.

Color Contrast Check

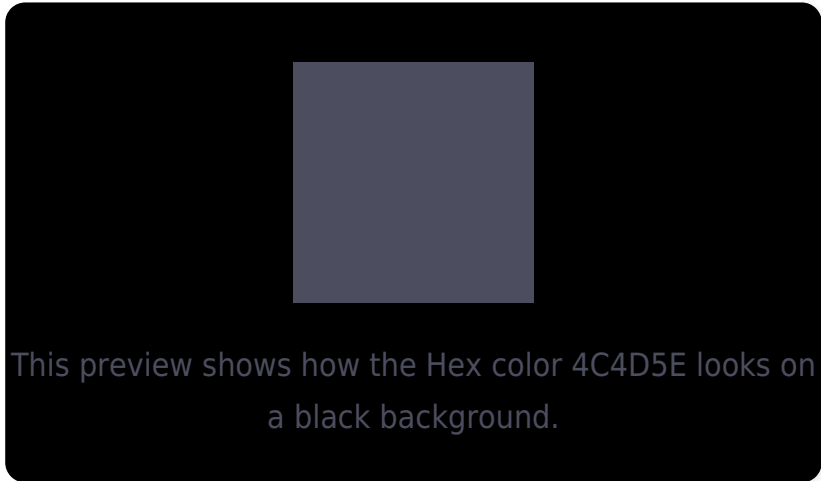
Large Text (above 18pt) WCAG AA ✓ Pass

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

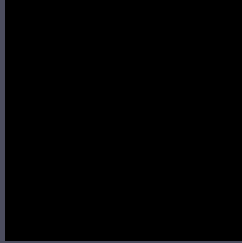
Any Text WCAG AA × Fail

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 4C4D5E Background



This preview shows how black text looks on a background with the Hex color 4C4D5E.

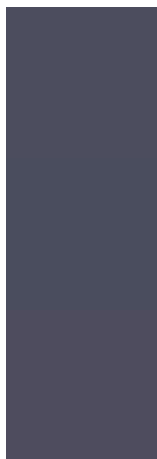


This preview shows how white text looks on a background with the Hex color 4C4D5E.

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

4C4D5E

Protanopia

4A4D5E

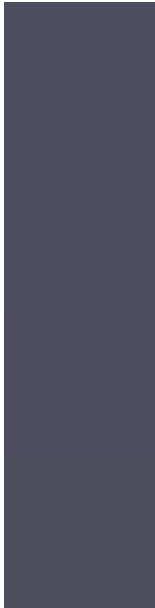
Deuteranopia

4E4C5E



Tritanopia
4A4F55

Trichromacy



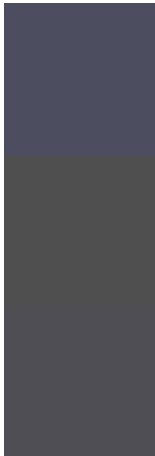
Original Color
4C4D5E

Protanomaly
4B4D5E

Deuteranomaly
4D4C5E

Tritanomaly
4B4E58

Monochromacy



Original Color
4C4D5E

Achromatopsia
4F4F4F

Achromatomaly
4E4E54

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4D5E 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 #4C4D5E looks like.

```
.text, #text, p{  
    color:#4C4D5E  
}
```

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 #4C4D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4D5E
}
```

Border

The CSS property to change the border of an element to Hex 4C4D5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

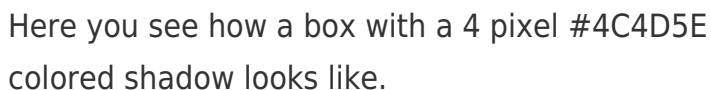
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4D5E }
```

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

```
.border{ border-color:#4C4D5E }
```

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



Here you see how a box with a 4 pixel #4C4D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4D5E; -webkit-box-shadow:4px 4px  
4px 4px #4C4D5E; box-shadow:4px 4px 4px  
4px #4C4D5E }
```

Background

The CSS property to change the background color of an element to Hex 4C4D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4D5E }
```

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

```
.background{ background-color:#4C4D5E }
```

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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