

Converting Colors

Hex(4D5766)

Have a look what the booklet for
Hex(4D5766) contains.

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Color

Hex(4D5766)

Conversions

Conversions Part 1

Format	Color
Hex	4D5766
RGB	77, 87, 102
RGB Percent	30%, 34%, 40%
CMY	0.6980, 0.6588, 0.6000
CMYK	0.25, 0.15, 0.00, 0.60
HSL	216°, 14%, 35%
HSV	216°, 25%, 40%
XYZ	8.8670, 9.3535, 13.9084
YIQ	85.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

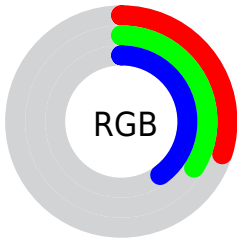
Format	Color
R_{YB}	77, 84, 102
Decimal	5068646
CIE Lab	36.66, -0.20, -9.94
CIE LCh	37, 9.940, 268.863
Yxy	9.3535, 0.2760, 0.2911
Android (android.graphics.Color)	4283258726 (0xFF4D5766)
YUV	85.7200, 8.0260, -7.6474
Hunter-Lab	30.5835, -1.7687, -5.5549




Details

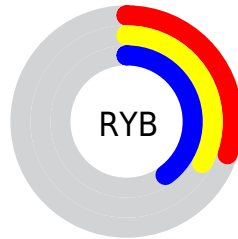
The Hex color **4D5766** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665C4D**, and the grayscale version is **565656**.


A 20% lighter version of the original color is **7E8999**, and **202A37** is the 20% darker color. If you saturate the color by 10%, you get **435166**, and if you desaturate by 10%, it is **575D66**.

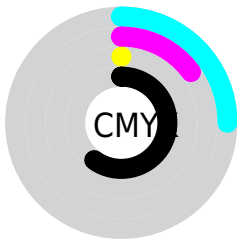
Distribution







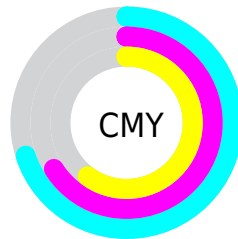
-  Red (30%)
-  Green (34%)
-  Blue (40%)






-  Red (30%)
-  Yellow (33%)
-  Blue (40%)



-  Cyan (25%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (70%)
-  Magenta (66%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5766 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 4D5766 by changing the saturation by 10% instead.

■ 4D5766

■ 4D5766

FFFFFF

■ 36404E

■ 7E8999

■ 202A37

■ 98A3B4

■ 0B1522

■ B3BECF

■ 00000A

■ CFDAEC

■ 000000

■ EBF6FF

■ 4D5766

■ 4D5766

■ 435166

■ 575D66

■ 394B66

■ 616366

■ 2E4566

■ 6C6966

■ 243F66

■ 766F66

■ 1A3866

■ 807666

■ 103266

■ 8A7C66

■ 062C66

■ 948266

■ 002966

■ 9F8866

■ A98E66

Harmonies

Analogous

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



455964



4D5766



575464

Triad

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



4D5766



67514F



4B5A4E

Complementary

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



4D5766



665C4D

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.



545848



4D5766



645349

Square

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



4D5766



665157



5D5646



445B56

Rectangle

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



4D5766



5E5361



5D5646



4E594C

Sweetspot

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



4D5766



7B7F85



4D665C



3D3F42



C2C2C2



424242

Same Dimension

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



4D5766



5E6E85



4F4D66



2E3033



002E73



0061F2

Inverse Universe

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



664D57



855E6E



64664D



332E30



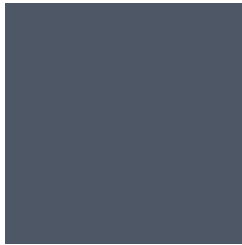
73002E



F20061

Previews

White Background



This preview shows how the Hex color 4D5766 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

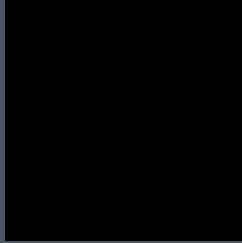
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

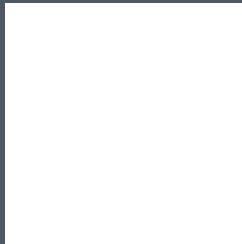
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4D5766 Background



This preview shows how black text looks on a background with the Hex color 4D5766.

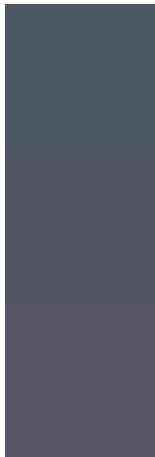


This preview shows how white text looks on a background with the Hex color 4D5766.

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](#).

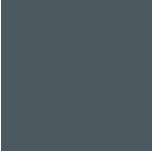
Dichromacy



Original Color
4D5766

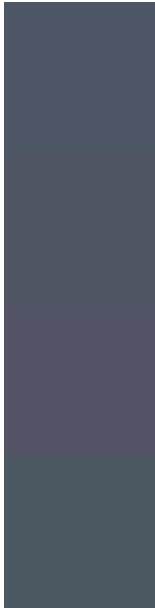
Protanopia
535565

Deuteranopia
565467



Tritanopia
4C585F

Trichromacy



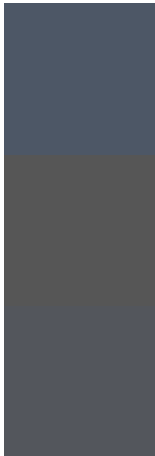
Original Color
4D5766

Protanomaly
515665

Deuteranomaly
535567

Tritanomaly
4C5862

Monochromacy



Original Color
4D5766

Achromatopsia
565656

Achromatomaly
53565C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5766 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 #4D5766 looks like.

```
.text, #text, p{  
    color:#4D5766  
}
```

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 #4D5766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5766
}
```

Border

The CSS property to change the border of an element to Hex 4D5766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

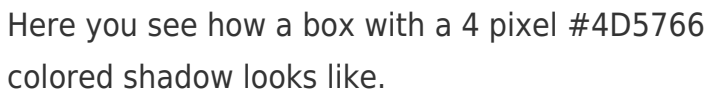
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D5766 }
```

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

```
.border{ border-color:#4D5766 }
```

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



Here you see how a box with a 4 pixel #4D5766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5766; -webkit-box-shadow:4px 4px  
4px 4px #4D5766; box-shadow:4px 4px 4px  
4px #4D5766 }
```

Background

The CSS property to change the background color of an element to Hex 4D5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5766 }
```

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

```
.background{ background-color:#4D5766 }
```

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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