

Converting Colors

Hex(4D5165)

Have a look what the booklet for
Hex(4D5165) contains.

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Color

Hex(4D5165)

Conversions

Conversions Part 1

Format	Color
Hex	4D5165
RGB	77, 81, 101
RGB Percent	30%, 32%, 40%
CMY	0.6980, 0.6824, 0.6039
CMYK	0.24, 0.20, 0.00, 0.60
HSL	230°, 13%, 35%
HSV	230°, 24%, 40%
XYZ	8.3520, 8.4022, 13.4935
YIQ	82.0840, -8.8040, 5.3720

Conversions

Conversions Part 2

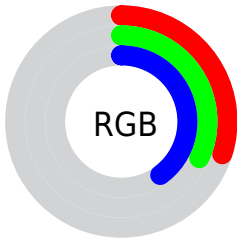
Format	Color
R_{YB}	77, 80, 101
Decimal	5067109
CIE _{Lab}	34.81, 3.29, -12.11
CIE _{LCh}	35, 12.555, 285.214
Yxy	8.4022, 0.2761, 0.2778
Android (android.graphics.Color)	4283257189 (0xFF4D5165)
YUV	82.0840, 9.3256, -4.4587
Hunter-Lab	28.9866, 0.7050, -7.3094




Details

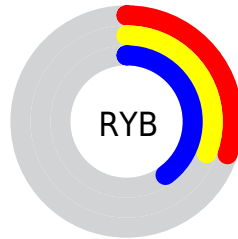
The Hex color **4D5165** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **65614D**, and the grayscale version is **525252**.


A 20% lighter version of the original color is **7E8298**, and **202536** is the 20% darker color. If you saturate the color by 10%, you get **434965**, and if you desaturate by 10%, it is **575965**.

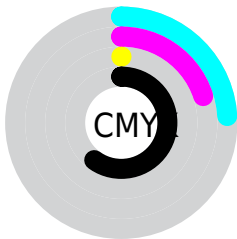
Distribution







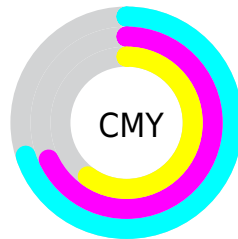
-  Red (30%)
-  Green (32%)
-  Blue (40%)






-  Red (30%)
-  Yellow (31%)
-  Blue (40%)



-  Cyan (24%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (70%)
-  Magenta (68%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5165 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 4D5165 by changing the saturation by 10% instead.

■ 4D5165

■ 4D5165

FFFFFF

■ 363A4D

■ 7E8298

■ 202536

■ 989CB3

■ 0B0F21

■ B3B7CE

■ 000008

■ CFD3EA

■ 000000

■ EBEFFF

■ 4D5165

■ 4D5165

■ 434965

■ 575965

■ 394065

■ 616265

■ 2F3865

■ 6B6A65

■ 252F65

■ 757365

■ 1A2765

■ 807B65

■ 101F65

■ 8A8465

■ 061665

■ 948C65

■ 001165

■ 9E9465

■ A89D65

Harmonies

Analogous

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



405465



4D5165



5A4E60

Triad

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



4D5165



654C44



3E574C

Complementary

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



4D5165



65614D

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.



495644



4D5165



5E503F

Square

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



4D5165



674B4D



54533F



375857

Rectangle

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



4D5165



604C5A



54533F



415749

Sweetspot

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



4D5165



797A82



4D6561



3D3E42



C2C2C2



424242

Same Dimension

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



4D5165



5C6382



554D65



2E2F33



001373



0028F2

Inverse Universe

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



654D51



825C63



5D654D



332E2F



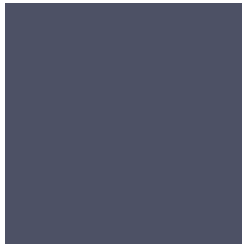
730013



F20028

Previews

White Background



This preview shows how the Hex color 4D5165 looks on a white background.

Color Contrast Check

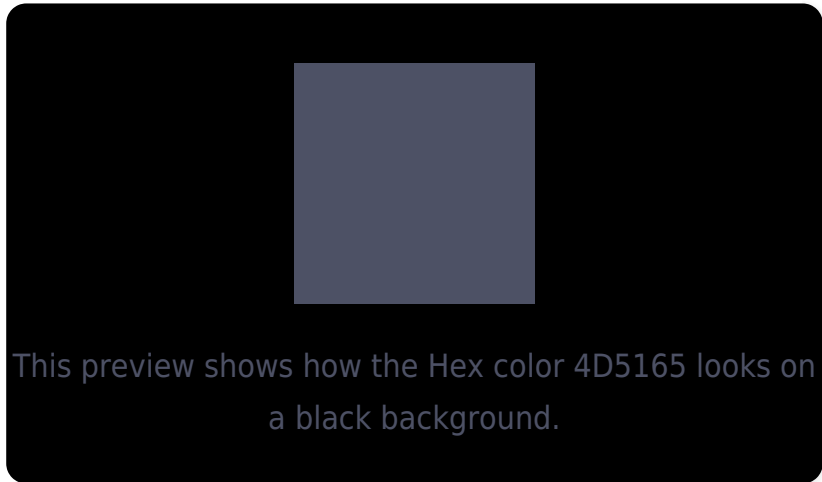
Large Text (above 18pt) WCAG AA ✓ Pass

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

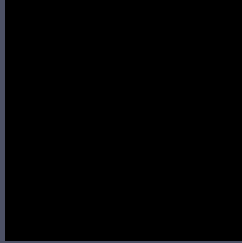
Any Text WCAG AA × Fail

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 4D5165 Background



This preview shows how black text looks on a background with the Hex color 4D5165.

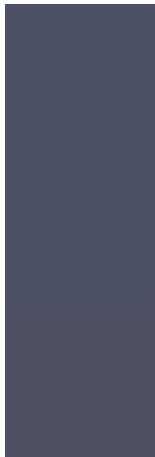


This preview shows how white text looks on a background with the Hex color 4D5165.

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](#).

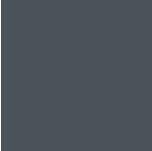
Dichromacy



Original Color
4D5165

Protanopia
4D5165

Deuteranopia
505065



Tritanopia
4B535A

Trichromacy



Original Color
4D5165

Protanomaly
4D5165

Deuteranomaly
4F5065

Tritanomaly
4C525E

Monochromacy



Original Color
4D5165

Achromatopsia
525252

Achromatomaly
505259

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5165 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 #4D5165 looks like.

```
.text, #text, p{  
    color:#4D5165  
}
```

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 #4D5165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5165
}
```

Border

The CSS property to change the border of an element to Hex 4D5165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

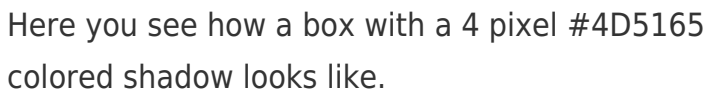
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D5165 }
```

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

```
.border{ border-color:#4D5165 }
```

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



Here you see how a box with a 4 pixel #4D5165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5165; -webkit-box-shadow:4px 4px  
4px 4px #4D5165; box-shadow:4px 4px 4px  
4px #4D5165 }
```

Background

The CSS property to change the background color of an element to Hex 4D5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5165 }
```

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

```
.background{ background-color:#4D5165 }
```

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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