

# Converting Colors

Hex(4D5B64)

Have a look what the booklet for  
Hex(4D5B64) contains.

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# Color

Hex(4D5B64)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D5B64
RGB	77, 91, 100
RGB Percent	30%, 36%, 39%
CMY	0.6980, 0.6431, 0.6078
CMYK	0.23, 0.09, 0.00, 0.61
HSL	203°, 13%, 35%
HSV	203°, 23%, 39%
XYZ	9.1019, 9.9801, 13.5032
YIQ	87.8400, -11.2330, -0.1690

# Conversions

## Conversions Part 2

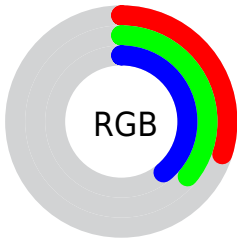
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 86, 100
Decimal	5069668
CIELab	37.81, -3.17, -6.97
CIELCh	38, 7.655, 245.524
Yxy	9.9801, 0.2793, 0.3063
Android (android.graphics.Color)	4283259748 (0xFF4D5B64)
YUV	87.8400, 5.9949, -9.5067
Hunter-Lab	31.5912, -3.8561, -3.2288

# Details

The Hex color **4D5B64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **64564D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7E8D97**, and **202D35** is the 20% darker color. If you saturate the color by 10%, you get **435764**, and if you desaturate by 10%, it is **575F64**.

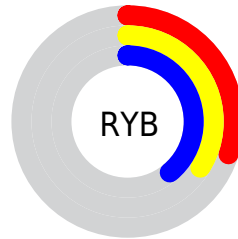
# Distribution



Red (30%)

Green (36%)

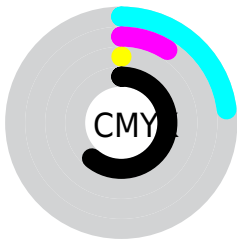
Blue (39%)



Red (30%)

Yellow (34%)

Blue (39%)

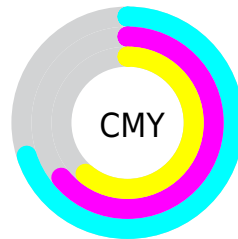


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (61%)



Cyan (70%)

Magenta (64%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D5B64 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 4D5B64 by changing the saturation by 10% instead.



■ 4D5B64

■ 4D5B64

FFFFFF

■ 36444C

■ 7E8D97

■ 202D35

■ 98A7B1

■ 0B1920

■ B3C3CD

■ 000008

■ CFDFE9

■ 000000

■ EBFBF

■ 4D5B64

■ 4D5B64

■ 435764

■ 575F64

■ 395364

■ 616364

■ 2F4F64

■ 6B6764

■ 254B64

■ 756B64

■ 1B4764

■ 7F6F64

■ 114464

■ 897264

■ 074064

■ 937664

■ 003D64

■ 9D7A64

■ A77E64

# Harmonies

## Analogous

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



495C60



4D5B64



545965

# Triad

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



4D5B64



665558



565B4F

# Complementary

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



4D5B64



64564D

# 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.



5D594D



4D5B64



665552

# Square

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



4D5B64



62555E



63574E



4F5C54

# Rectangle

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



4D5B64



595864



63574E



585A4E



# Sweetspot

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



4D5B64



797E82



4D6456



3D4042



C2C2C2



424242



# Same Dimension

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



4D5B64



5E7482



4D5064



2E3133



004673



0093F2



# Inverse Universe

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



644D5B



825E74



64614D



332E31



730046



F20093



# Previews

## White Background



This preview shows how the Hex color 4D5B64 looks on a white background.

## Color Contrast Check

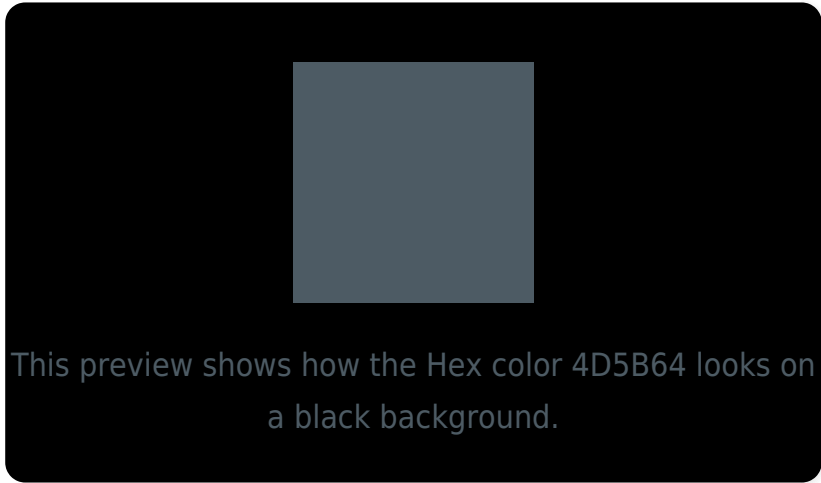
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

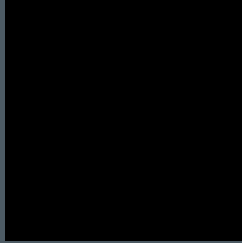
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

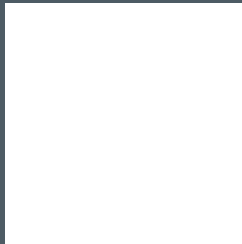
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D5B64 Background



This preview shows how black text looks on a background with the Hex color 4D5B64.



This preview shows how white text looks on a background with the Hex color 4D5B64.

# 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](#).

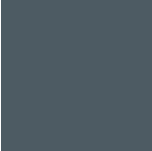
## Dichromacy



**Original Color**  
4D5B64

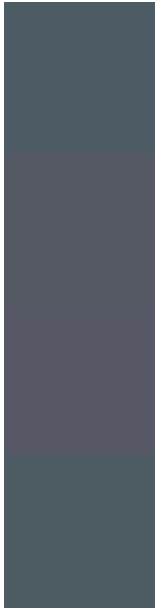
**Protanopia**  
585862

**Deuteranopia**  
5C5765



**Tritanopia**  
4D5B63

# Trichromacy



**Original Color**

4D5B64

**Protanomaly**

545963

**Deuteranomaly**

575865

**Tritanomaly**

4D5B63

# Monochromacy



**Original Color**

4D5B64

**Achromatopsia**

585858

**Achromatomaly**

54595C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D5B64 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 #4D5B64 looks like.

```
.text, #text, p{  
    color:#4D5B64  
}
```

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 #4D5B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5B64
}
```

## Border

The CSS property to change the border of an element to Hex 4D5B64 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
#4D5B64 }
```

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

```
.border{ border-color:#4D5B64 }
```

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

Here you see how a box with a 4 pixel #4D5B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5B64; -webkit-box-shadow:4px 4px  
4px 4px #4D5B64; box-shadow:4px 4px 4px  
4px #4D5B64 }
```

# Background

The CSS property to change the background color of an element to Hex 4D5B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5B64 }
```

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

```
.background{ background-color:#4D5B64 }
```

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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