

Converting Colors

Hex(5E6865)

Have a look what the booklet for
Hex(5E6865) contains.

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Color

Hex(5E6865)

Conversions

Conversions Part 1

Format	Color
Hex	5E6865
RGB	94, 104, 101
RGB Percent	37%, 41%, 40%
CMY	0.6314, 0.5922, 0.6039
CMYK	0.10, 0.00, 0.03, 0.59
HSL	162°, 5%, 39%
HSV	162°, 10%, 41%
XYZ	11.9154, 13.2199, 14.2356
YIQ	100.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

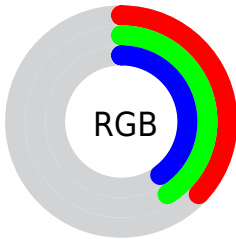
Format	Color
R_{YB}	94, 100, 104
Decimal	6187109
CIE _{Lab}	43.09, -4.47, 0.38
CIE _{LCh}	43, 4.484, 175.195
Yxy	13.2199, 0.3026, 0.3358
Android (android.graphics.Color)	4284377189 (0xFF5E6865)
YUV	100.6680, 0.1637, -5.8478
Hunter-Lab	36.3592, -5.1318, 2.2378

Details

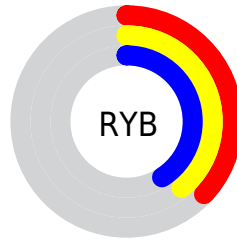
The Hex color **5E6865** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **685E61**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **909B98**, and **303936** is the 20% darker color. If you saturate the color by 10%, you get **546862**, and if you desaturate by 10%, it is **686868**.

Distribution



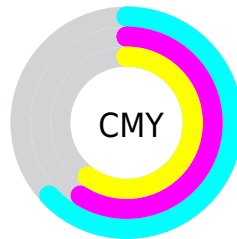
- Red (37%)
- Green (41%)
- Blue (40%)



- Red (37%)
- Yellow (39%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (59%)



- Cyan (63%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6865 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 5E6865 by changing the saturation by 10% instead.

■ 5E6865

■ 5E6865

FFFFFF

■ 46504D

■ 909B98

■ 303936

■ ABB6B3

■ 1B2421

■ C6D2CE

■ 000E0A

■ E2EEEA

■ 000000

■ 5E6865

■ 5E6865

■ 546862

■ 686868

■ 49685F

■ 73686B

■ 3F685C

■ 7D686E

■ 346859

■ 886871

■ 2A6855

■ 926875

■ 206852

■ 9C6878

■ 15684F

■ A7687B

■ 0B684C

■ B1687E

■ 006849

■ BC6881

Harmonies

Analogous

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



616761



5E6865



5D6869

Triad

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



5E6865



66656C



6D6460

Complementary

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



5E6865



685E61

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.



6E6363



5E6865



6A646A

Square

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



5E6865



61666D



6D6366



6A655E

Rectangle

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



5E6865



5D686B



6D6366



6D6461

Sweetspot

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



5E6865



838786



61685E



424544



C4C4C4



454545

Same Dimension

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



5E6865



778782



5E6668



2E3331



007350



00F2AA

Inverse Universe

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



685E61



87777C



68605E



332E2F



730022



F20049

Previews

White Background



This preview shows how the Hex color 5E6865 looks on a white background.

Color Contrast Check

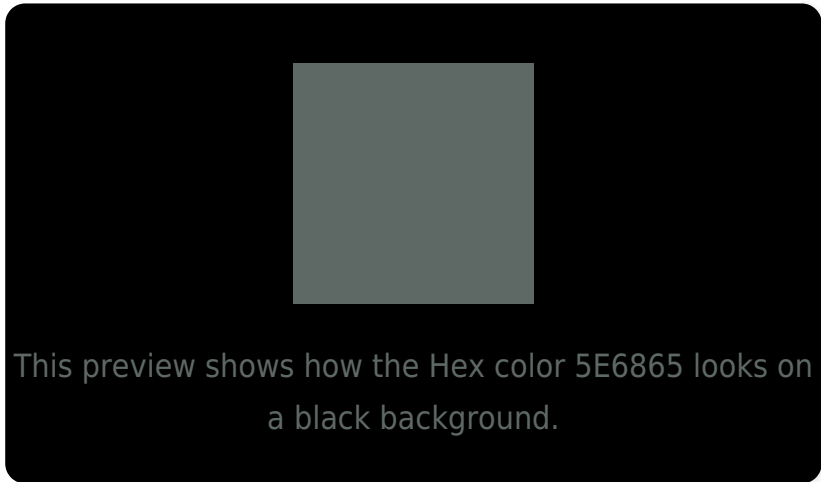
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 5E6865 Background



This preview shows how black text looks on a background with the Hex color 5E6865.



This preview shows how white text looks on a background with the Hex color 5E6865.

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](#).

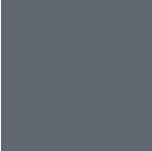
Dichromacy



Original Color
5E6865

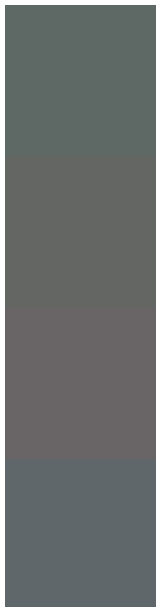
Protanopia
686563

Deuteranopia
6F6266



Tritanopia
60676F

Trichromacy



Original Color

5E6865

Protanomaly

646664

Deuteranomaly

696466

Tritanomaly

5F676B

Monochromacy



Original Color

5E6865

Achromatopsia

656565

Achromatomaly

626665

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6865 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 #5E6865 looks like.

```
.text, #text, p{  
    color:#5E6865  
}
```

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 #5E6865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6865
}
```

Border

The CSS property to change the border of an element to Hex 5E6865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

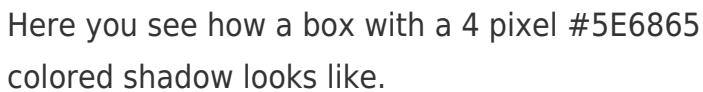
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E6865 }
```

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

```
.border{ border-color:#5E6865 }
```

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



Here you see how a box with a 4 pixel #5E6865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6865; -webkit-box-shadow:4px 4px  
4px 4px #5E6865; box-shadow:4px 4px 4px  
4px #5E6865 }
```

Background

The CSS property to change the background color of an element to Hex 5E6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6865 }
```

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

```
.background{ background-color:#5E6865 }
```

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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