

Converting Colors

Hex(536970)

Have a look what the booklet for
Hex(536970) contains.

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Color

Hex(536970)

Conversions

Conversions Part 1

Format	Color
Hex	536970
RGB	83, 105, 112
RGB Percent	33%, 41%, 44%
CMY	0.6745, 0.5882, 0.5608
CMYK	0.26, 0.06, 0.00, 0.56
HSL	194°, 15%, 38%
HSV	194°, 26%, 44%
XYZ	11.5435, 13.1120, 17.2517
YIQ	99.2200, -15.3590, -2.4870

Conversions

Conversions Part 2

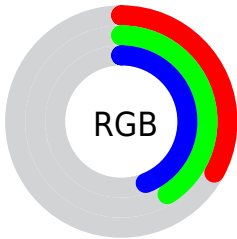
Format	Color
R_{YB}	83, 96, 112
Decimal	5466480
CIE _{Lab}	42.93, -6.40, -6.62
CIE _{LCh}	43, 9.209, 225.936
Yxy	13.1120, 0.2755, 0.3129
Android (android.graphics.Color)	4283656560 (0xFF536970)
YUV	99.2200, 6.3005, -14.2249
Hunter-Lab	36.2105, -6.4647, -2.9001

Details

The Hex color **536970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705A53**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **859CA4**, and **253A40** is the 20% darker color. If you saturate the color by 10%, you get **486670**, and if you desaturate by 10%, it is **5E6C70**.

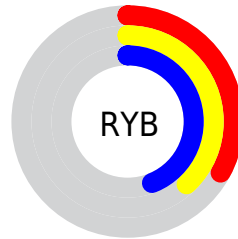
Distribution



Red (33%)

Green (41%)

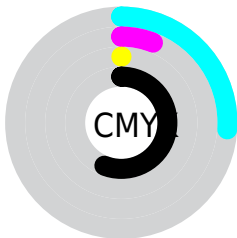
Blue (44%)



Red (33%)

Yellow (38%)

Blue (44%)

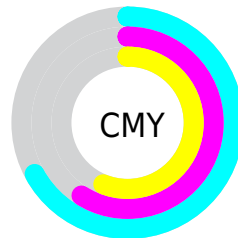


Cyan (26%)

Magenta (6%)

Yellow (0%)

Black (56%)



Cyan (67%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536970 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 536970 by changing the saturation by 10% instead.

■ 536970

■ 536970

FFFFFF

■ 3B5158

■ 859CA4

■ 253A40

■ A0B7BF

■ 0F242A

■ BBD3DB

■ 000F16

■ D6EFF7

■ 000000

■ F3FFFF

■ 536970

■ 536970

■ 486670

■ 5E6C70

■ 3D6470

■ 696E70

■ 316170

■ 757170

■ 265E70

■ 807470

■ 1B5B70

■ 8B7770

■ 105970

■ 967970

■ 055670

■ A17C70

■ 005570

■ AD7F70

■ B88170

Harmonies

Analogous

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



526A69



536970



596774

Triad

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



536970



736169



676657

Complementary

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



536970



705A53

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.



6F6457



536970



766062

Square

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



536970



6C6270



74615B



5E685B

Rectangle

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



536970



5F6674



74615B



6A6556

Sweetspot

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



536970



868F91



53705A



43484A



C9C9C9



4A4A4A

Same Dimension

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



536970



648691



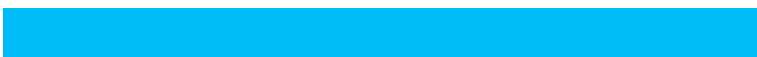
535B70



323738



005B78



00BCF7

Inverse Universe

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



705369



916486



706853



383237



78005B



F700BC

Previews

White Background



This preview shows how the Hex color 536970 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

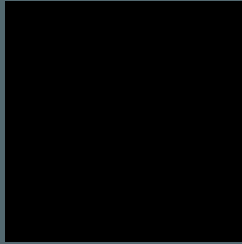
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

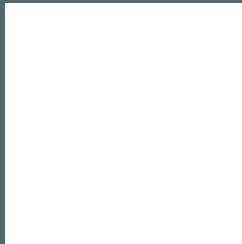
Any Text WCAG AAA × Fail

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

Hex 536970 Background



This preview shows how black text looks on a background with the Hex color 536970.



This preview shows how white text looks on a background with the Hex color 536970.

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
536970

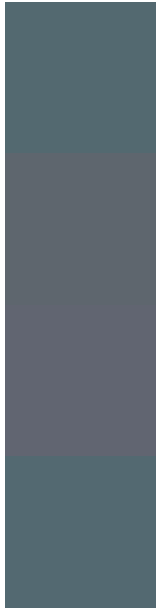
Protanopia
65646D

Deuteranopia
696271



Tritanopia
536971

Trichromacy



Original Color
536970

Protanomaly
5E666E

Deuteranomaly
616571

Tritanomaly
536971

Monochromacy



Original Color
536970

Achromatopsia
636363

Achromatomaly
5D6568

CSS Examples

Text

The CSS property to change the color of the text to Hex 536970 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 #536970 looks like.

```
.text, #text, p{  
    color:#536970  
}
```

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 #536970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536970
}
```

Border

The CSS property to change the border of an element to Hex 536970 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
#536970 }
```

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

```
.border{ border-color:#536970 }
```

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

Here you see how a box with a 4 pixel #536970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536970; -webkit-box-shadow:4px 4px  
4px 4px #536970; box-shadow:4px 4px 4px  
4px #536970 }
```

Background

The CSS property to change the background color of an element to Hex 536970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536970 }
```

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

```
.background{ background-color:#536970 }
```

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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