

Converting Colors

Hex(536375)

Have a look what the booklet for
Hex(536375) contains.

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Color

Hex(536375)

Conversions

Conversions Part 1

Format	Color
Hex	536375
RGB	83, 99, 117
RGB Percent	33%, 39%, 46%
CMY	0.6745, 0.6118, 0.5412
CMYK	0.29, 0.15, 0.00, 0.54
HSL	212°, 17%, 39%
HSV	212°, 29%, 46%
XYZ	11.2400, 12.0470, 18.5625
YIQ	96.2680, -15.3140, 2.2060

Conversions

Conversions Part 2

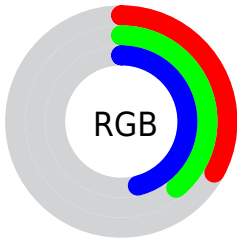
Format	Color
R_{YB}	83, 94, 117
Decimal	5464949
CIE _{Lab}	41.29, -1.52, -12.12
CIE _{LCh}	41, 12.216, 262.845
Yxy	12.0470, 0.2686, 0.2879
Android (android.graphics.Color)	4283655029 (0xFF536375)
YUV	96.2680, 10.2209, -11.6360
Hunter-Lab	34.7088, -2.9356, -7.4125

Details

The Hex color **536375** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756553**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8596A9**, and **253545** is the 20% darker color. If you saturate the color by 10%, you get **475D75**, and if you desaturate by 10%, it is **5F6975**.

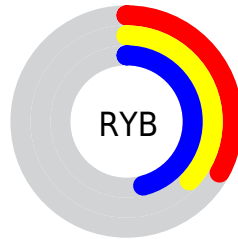
Distribution



Red (33%)

Green (39%)

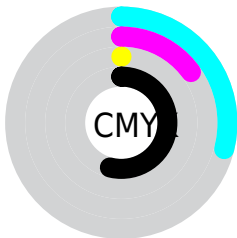
Blue (46%)



Red (33%)

Yellow (37%)

Blue (46%)

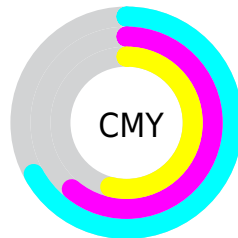


Cyan (29%)

Magenta (15%)

Yellow (0%)

Black (54%)



Cyan (67%)

Magenta (61%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 536375 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 536375 by changing the saturation by 10% instead.

■ 536375

■ 536375

FFFFFF

■ 3B4B5C

■ 8596A9

■ 253545

■ A0B0C4

■ 0E1F2E

■ BBCCE0

■ 00071A

■ D7E8FD

■ 000000

■ F3FFFF

■ 536375

■ 536375

■ 475D75

■ 5F6975

■ 3C5775

■ 6A6F75

■ 305075

■ 767675

■ 244A75

■ 827C75

■ 194475

■ 8E8275

■ 0D3E75

■ 998875

■ 013875

■ A58E75

■ 003775

■ B19575

■ BC9B75

Harmonies

Analogous

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



496671



536375



606074

Triad

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



536375



765B5A



556655

Complementary

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



536375



756553

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.



61634F



536375



735D52

Square

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



536375



745B64



6C604E



4C675F

Rectangle

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



536375



685D70



6C604E



596552

Sweetspot

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



536375



8B9299



537565



44484D



CCCCCC



4D4D4D

Same Dimension

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



536375



637D99



545375



35383B



003A7A



0076FA

Inverse Universe

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



755363



99637D



747553



3B3538



7A003A



FA0076

Previews

White Background



This preview shows how the Hex color 536375 looks on a white background.

Color Contrast Check

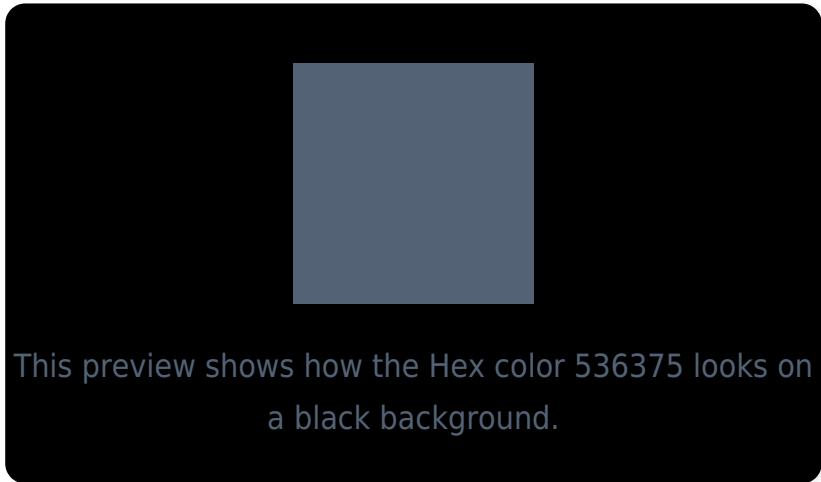
Large Text (above 18pt) WCAG AA ✓ Pass

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

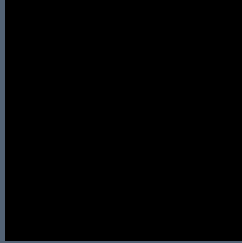
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

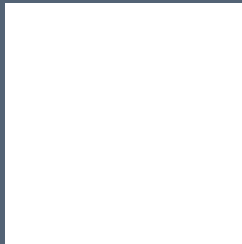
Any Text WCAG AAA × Fail

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

Hex 536375 Background



This preview shows how black text looks on a background with the Hex color 536375.

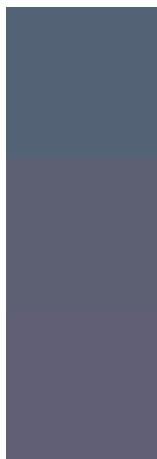


This preview shows how white text looks on a background with the Hex color 536375.

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](#).

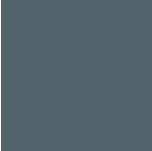
Dichromacy



Original Color
536375

Protanopia
5D6073

Deuteranopia
605F76



Tritanopia
51646C

Trichromacy



Original Color
536375

Protanomaly
596174

Deuteranomaly
5B6076

Tritanomaly
52646F

Monochromacy



Original Color
536375

Achromatopsia
606060

Achromatomaly
5B6168

CSS Examples

Text

The CSS property to change the color of the text to Hex 536375 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 #536375 looks like.

```
.text, #text, p{  
    color:#536375  
}
```

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 #536375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536375
}
```

Border

The CSS property to change the border of an element to Hex 536375 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
#536375 }
```

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

```
.border{ border-color:#536375 }
```

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

Here you see how a box with a 4 pixel #536375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536375; -webkit-box-shadow:4px 4px  
4px 4px #536375; box-shadow:4px 4px 4px  
4px #536375 }
```

Background

The CSS property to change the background color of an element to Hex 536375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536375 }
```

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

```
.background{ background-color:#536375 }
```

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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