

Converting Colors

Hex(535375)

Have a look what the booklet for
Hex(535375) contains.

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Color

Hex(535375)

Conversions

Conversions Part 1

Format	Color
Hex	535375
RGB	83, 83, 117
RGB Percent	33%, 33%, 46%
CMY	0.6745, 0.6745, 0.5412
CMYK	0.29, 0.29, 0.00, 0.54
HSL	240°, 17%, 39%
HSV	240°, 29%, 46%
XYZ	9.8714, 9.3099, 18.1063
YIQ	86.8760, -10.9140, 10.5740

Conversions

Conversions Part 2

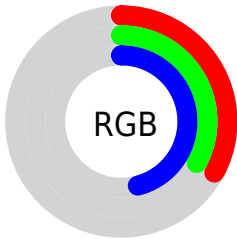
Format	Color
R_{YB}	83, 83, 117
Decimal	5460853
CIE _{Lab}	36.57, 8.41, -19.34
CIE _{LCh}	37, 21.088, 293.515
Yxy	9.3099, 0.2647, 0.2497
Android (android.graphics.Color)	4283650933 (0xFF535375)
YUV	86.8760, 14.8511, -3.3993
Hunter-Lab	30.5121, 4.3531, -13.8251

Details

The Hex color **535375** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **757553**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8584A9**, and **242645** is the 20% darker color. If you saturate the color by 10%, you get **474775**, and if you desaturate by 10%, it is **5F5F75**.

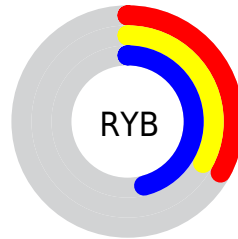
Distribution



Red (33%)

Green (33%)

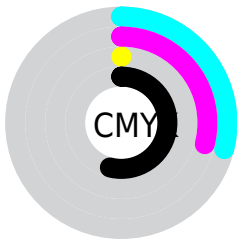
Blue (46%)



Red (33%)

Yellow (33%)

Blue (46%)

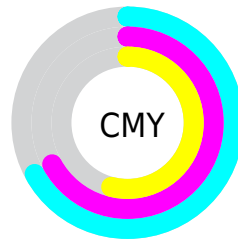


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (54%)



Cyan (67%)

Magenta (67%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535375 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 535375 by changing the saturation by 10% instead.

■ 535375

■ 535375

FFFFFF

■ 3B3C5C

■ 8584A9

■ 242645

■ A09EC5

■ 0E122E

■ BBB9E1

■ 000119

■ D7D5FD

■ 000000

■ F3F1FF

■ 535375

■ 535375

■ 474775

■ 5F5F75

■ 3C3C75

■ 6A6A75

■ 303075

■ 767675

■ 242475

■ 828275

■ 191975

■ 8E8E75

■ 0D0D75

■ 999975

■ 010175

■ A5A575

■ 000075

■ B1B175

■ BCBC75

Harmonies

Analogous

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



395977



535375



684D6A

Triad

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



535375



724E3B



2B5F52

Complementary

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



535375



757553

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.



405D41



535375



655434

Square

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



535375



774A49



545937



1A5F63

Rectangle

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



535375



714A60



545937



325F4C

Sweetspot

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



535375



8B8B99



537575



44444D



CCCCCC



4D4D4D

Same Dimension

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



535375



636399



645375



35353B



00007A



0000FA

Inverse Universe

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



755375



996399



647553



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 535375 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

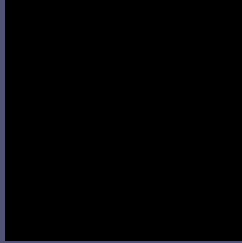
Any Text WCAG AA × Fail

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 535375 Background



This preview shows how black text looks on a background with the Hex color 535375.



This preview shows how white text looks on a background with the Hex color 535375.

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

535375

Protanopia

4C5576

Deuteranopia

4D5575



Tritanopia
4E575E

Trichromacy



Original Color
535375

Protanomaly
4F5476

Deuteranomaly
4F5475

Tritanomaly
505666

Monochromacy



Original Color
535375

Achromatopsia
575757

Achromatomaly
565662

CSS Examples

Text

The CSS property to change the color of the text to Hex 535375 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 #535375 looks like.

```
.text, #text, p{  
    color:#535375  
}
```

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 #535375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535375
}
```

Border

The CSS property to change the border of an element to Hex 535375 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
#535375 }
```

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

```
.border{ border-color:#535375 }
```

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

Here you see how a box with a 4 pixel #535375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535375; -webkit-box-shadow:4px 4px  
4px 4px #535375; box-shadow:4px 4px 4px  
4px #535375 }
```

Background

The CSS property to change the background color of an element to Hex 535375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535375 }
```

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

```
.background{ background-color:#535375 }
```

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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