

Converting Colors

Hex(535968)

Have a look what the booklet for
Hex(535968) contains.

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Color

Hex(535968)

Conversions

Conversions Part 1

Format	Color
Hex	535968
RGB	83, 89, 104
RGB Percent	33%, 35%, 41%
CMY	0.6745, 0.6510, 0.5922
CMYK	0.20, 0.14, 0.00, 0.59
HSL	223°, 11%, 37%
HSV	223°, 20%, 41%
XYZ	9.6383, 9.9832, 14.5157
YIQ	88.9160, -8.3910, 3.3930

Conversions

Conversions Part 2

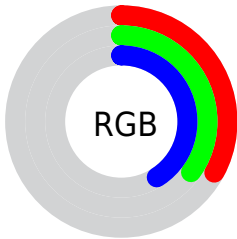
Format	Color
R_{YB}	83, 88, 104
Decimal	5462376
CIE _{Lab}	37.81, 1.21, -9.39
CIE _{LCh}	38, 9.468, 277.358
Yxy	9.9832, 0.2823, 0.2924
Android (android.graphics.Color)	4283652456 (0xFF535968)
YUV	88.9160, 7.4364, -5.1883
Hunter-Lab	31.5963, -0.8425, -5.1211

Details

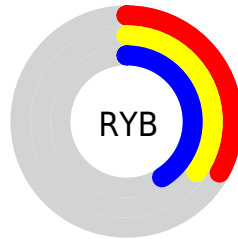
The Hex color **535968** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686253**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **858B9B**, and **262C39** is the 20% darker color. If you saturate the color by 10%, you get **495268**, and if you desaturate by 10%, it is **5D6068**.

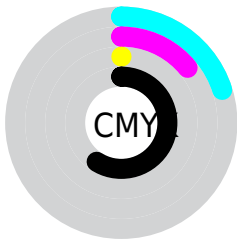
Distribution



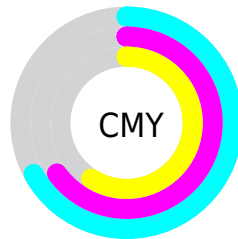
- Red (33%)
- Green (35%)
- Blue (41%)



- Red (33%)
- Yellow (35%)
- Blue (41%)



- Cyan (20%)
- Magenta (14%)
- Yellow (0%)
- Black (59%)



- Cyan (67%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535968 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 535968 by changing the saturation by 10% instead.

■ 535968

■ 535968

FFFFFF

■ 3C4250

■ 858B9B

■ 262C39

■ 9FA5B6

■ 111723

■ BAC0D2

■ 00010D

■ D6DCEE

■ 000000

■ F2F9FF

■ 535968

■ 535968

■ 495268

■ 5D6068

■ 3E4A68

■ 686868

■ 344368

■ 726F68

■ 293B68

■ 7D7768

■ 1F3468

■ 877E68

■ 152C68

■ 918668

■ 0A2568

■ 9C8D68

■ 001E68

■ A69468

■ B19C68

Harmonies

Analogous

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



4A5B67



535968



5D5665

Triad

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



535968



695550



4C5D53

Complementary

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



535968



686253

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.



545B4D



535968



64574B

Square

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



535968



695457



5D594A



465E5B

Rectangle

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



535968



625561



5D594A



4F5D51

Sweetspot

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



535968



7F8187



536862



404145



C4C4C4



454545

Same Dimension

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



535968



677087



575368



2E2F33



002173



0045F2

Inverse Universe

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



685359



876770



646853



332E2F



730021



F20045

Previews

White Background



This preview shows how the Hex color 535968 looks on a white background.

Color Contrast Check

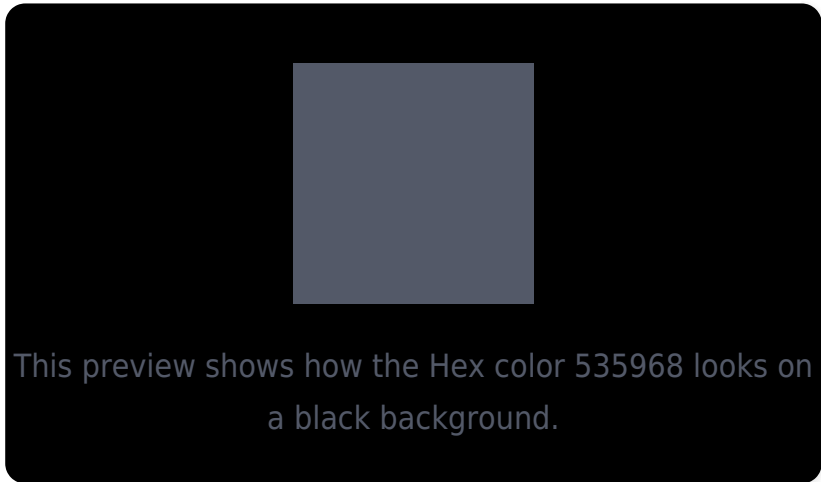
Large Text (above 18pt) WCAG AA ✓ Pass

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

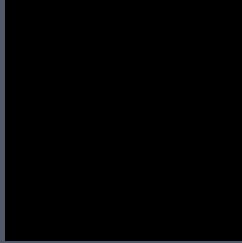
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

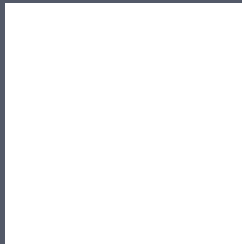
Any Text WCAG AAA × Fail

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

Hex 535968 Background



This preview shows how black text looks on a background with the Hex color 535968.

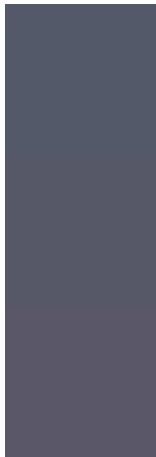


This preview shows how white text looks on a background with the Hex color 535968.

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](#).

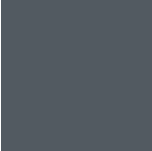
Dichromacy



Original Color
535968

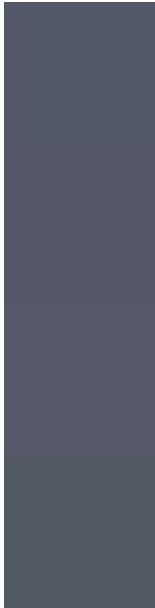
Protanopia
565867

Deuteranopia
5A5768



Tritanopia
525A61

Trichromacy



Original Color
535968

Protanomaly
555867

Deuteranomaly
575868

Tritanomaly
525A64

Monochromacy



Original Color
535968

Achromatopsia
595959

Achromatomaly
57595E

CSS Examples

Text

The CSS property to change the color of the text to Hex 535968 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 #535968 looks like.

```
.text, #text, p{  
    color:#535968  
}
```

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 #535968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535968
}
```

Border

The CSS property to change the border of an element to Hex 535968 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
#535968 }
```

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

```
.border{ border-color:#535968 }
```

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

Here you see how a box with a 4 pixel #535968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535968; -webkit-box-shadow:4px 4px  
4px 4px #535968; box-shadow:4px 4px 4px  
4px #535968 }
```

Background

The CSS property to change the background color of an element to Hex 535968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535968 }
```

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

```
.background{ background-color:#535968 }
```

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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