

Converting Colors

Hex(535388)

Have a look what the booklet for
Hex(535388) contains.

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Color

Hex(535388)

Conversions

Conversions Part 1

Format	Color
Hex	535388
RGB	83, 83, 136
RGB Percent	33%, 33%, 53%
CMY	0.6745, 0.6745, 0.4667
CMYK	0.39, 0.39, 0.00, 0.47
HSL	240°, 24%, 43%
HSV	240°, 39%, 53%
XYZ	11.1045, 9.8031, 24.5995
YIQ	89.0420, -17.0130, 16.4830

Conversions

Conversions Part 2

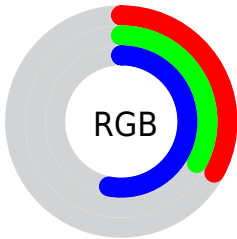
Format	Color
R_{YB}	83, 83, 136
Decimal	5460872
CIE _{Lab}	37.49, 13.89, -29.59
CIE _{LCh}	37, 32.688, 295.137
Yxy	9.8031, 0.2440, 0.2154
Android (android.graphics.Color)	4283650952 (0xFF535388)
YUV	89.0420, 23.1503, -5.2988
Hunter-Lab	31.3099, 8.5151, -24.6659

Details

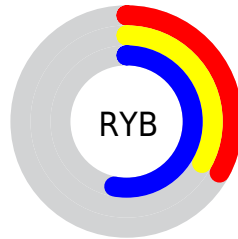
The Hex color **535388** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **888853**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8784BE**, and **212656** is the 20% darker color. If you saturate the color by 10%, you get **454588**, and if you desaturate by 10%, it is **616188**.

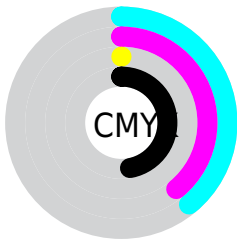
Distribution



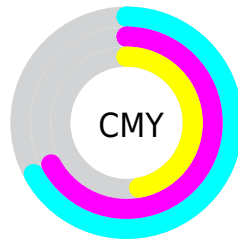
- Red (33%)
- Green (33%)
- Blue (53%)



- Red (33%)
- Yellow (33%)
- Blue (53%)



- Cyan (39%)
- Magenta (39%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535388 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 535388 by changing the saturation by 10% instead.

■ 535388

■ 535388

FFFFFF

■ 3A3C6E

■ 8784BE

■ 212656

■ A19EDA

■ 05123E

■ BDB9F6

■ 000028

■ D9D5FF

■ 000112

■ F6F1FF

■ 000000

■ 535388

■ 535388

■ 454588

■ 616188

■ 383888

■ 6E6E88

■ 2A2A88

■ 7C7C88

■ 1D1D88

■ 898988

■ 0F0F88

■ 979788

■ 010188

■ A5A588

■ 000088

■ B2B288

■ C0C088

■ CDCD88

Harmonies

Analogous

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



175C8D



535388



754977

Triad

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



535388



7F4C2E



006553

Complementary

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



535388



888853

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.



316339



535388



6B5522

Square

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



535388



894343



515D26



00656E

Rectangle

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



535388



824366



515D26



0B654A

Sweetspot

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



535388



9B9BB0



538888



4D4D59



D9D9D9



595959

Same Dimension

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



535388



5D5DB0



6E5388



3E3E45



000085



000005

Inverse Universe

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



885388



B05DB0



6E8853



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 535388 looks on a white background.

Color Contrast Check

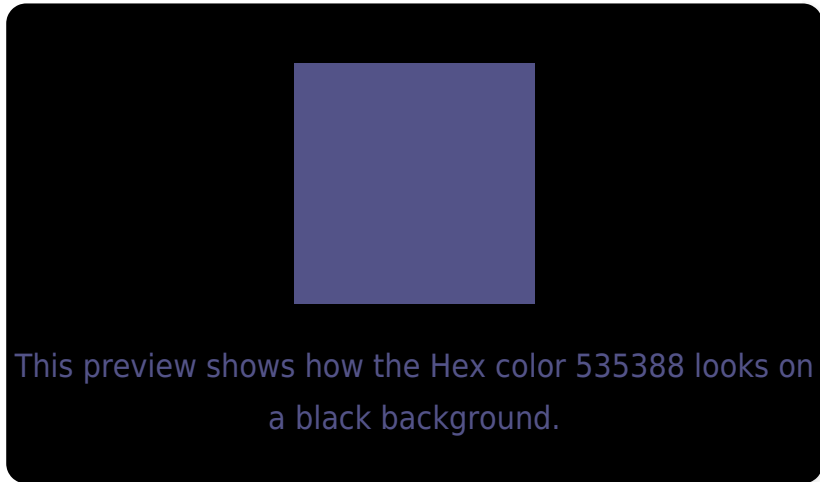
Large Text (above 18pt) WCAG AA ✓ Pass

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

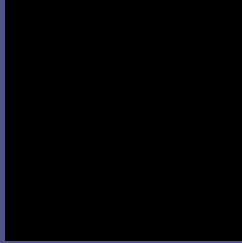
Any Text WCAG AA × Fail

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 535388 Background



This preview shows how black text looks on a background with the Hex color 535388.



This preview shows how white text looks on a background with the Hex color 535388.

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](#).

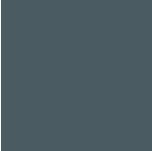
Dichromacy



Original Color
535388

Protanopia
44568B

Deuteranopia
415887



Tritanopia
4A5B62

Trichromacy



Original Color
535388

Protanomaly
49558A

Deuteranomaly
485687

Tritanomaly
4D5870

Monochromacy



Original Color
535388

Achromatopsia
595959

Achromatomaly
57576A

CSS Examples

Text

The CSS property to change the color of the text to Hex 535388 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 #535388 looks like.

```
.text, #text, p{  
    color:#535388  
}
```

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 #535388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535388  
}
```

Border

The CSS property to change the border of an element to Hex 535388 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  
#535388 }
```

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

```
.border{ border-color:#535388 }
```

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

Here you see how a box with a 4 pixel #535388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535388; -webkit-box-shadow:4px 4px  
4px 4px #535388; box-shadow:4px 4px 4px  
4px #535388 }
```

Background

The CSS property to change the background color of an element to Hex 535388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535388 }
```

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

```
.background{ background-color:#535388 }
```

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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