

Converting Colors

Hex(535281)

Have a look what the booklet for
Hex(535281) contains.

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Color

Hex(535281)

Conversions

Conversions Part 1

Format	Color
Hex	535281
RGB	83, 82, 129
RGB Percent	33%, 32%, 51%
CMY	0.6745, 0.6784, 0.4941
CMYK	0.36, 0.36, 0.00, 0.49
HSL	241°, 22%, 41%
HSV	241°, 36%, 51%
XYZ	10.5470, 9.4586, 22.0387
YIQ	87.6570, -14.4910, 14.8290

Conversions

Conversions Part 2

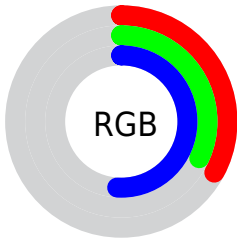
Format	Color
R_{YB}	83, 82, 129
Decimal	5460609
CIE _{Lab}	36.85, 12.46, -26.30
CIE _{LCh}	37, 29.104, 295.343
Yxy	9.4586, 0.2509, 0.2250
Android (android.graphics.Color)	4283650689 (0xFF535281)
YUV	87.6570, 20.3821, -4.0842
Hunter-Lab	30.7548, 7.3938, -20.9585

Details

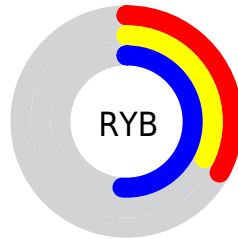
The Hex color **535281** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **808152**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8683B6**, and **23254F** is the 20% darker color. If you saturate the color by 10%, you get **464581**, and if you desaturate by 10%, it is **605F81**.

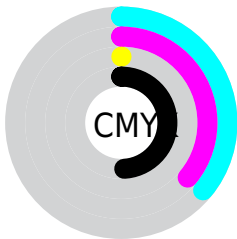
Distribution



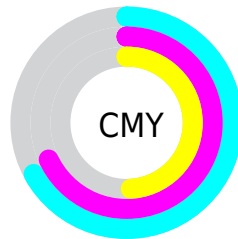
- Red (33%)
- Green (32%)
- Blue (51%)



- Red (33%)
- Yellow (32%)
- Blue (51%)



- Cyan (36%)
- Magenta (36%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535281 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 535281 by changing the saturation by 10% instead.

■ 535281

■ 535281

FFFFFF

■ 3B3B68

■ 8683B6

■ 23254F

■ A19DD2

■ 091138

■ BCB8EE

■ 000222

■ D8D4FF

■ 000009

■ F5F0FF

■ 000000

■ 535281

■ 535281

■ 464581

■ 605F81

■ 3A3881

■ 6C6C81

■ 2D2B81

■ 797981

■ 201E81

■ 868681

■ 141281

■ 929381

■ 070581

■ 9F9F81

■ 030081

■ ABAC81

■ B8B981

■ C5C681

Harmonies

Analogous

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



265A85



535281



704972

Triad

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



535281



7A4C31



036352

Complementary

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



535281



808152

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.



35603B



535281



685427

Square

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



535281



834544



515B2B



00626A

Rectangle

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



535281



7C4563



515B2B



1B624A

Sweetspot

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



535281



9696A8



528081



494954



D4D4D4



545454

Same Dimension

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



535281



605EA8



6A5281



3A3940



030080



000000

Inverse Universe

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



815280



A85EA7



698152



403940



80007D



000000

Previews

White Background



This preview shows how the Hex color 535281 looks on a white background.

Color Contrast Check

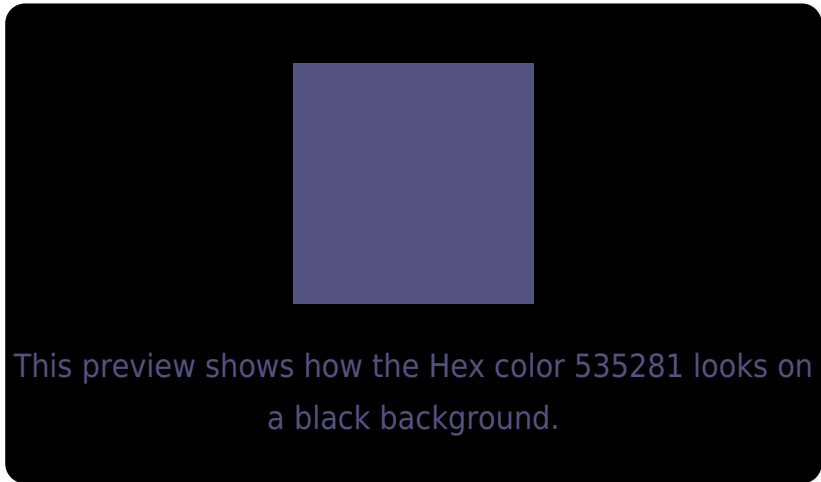
Large Text (above 18pt) WCAG AA ✓ Pass

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

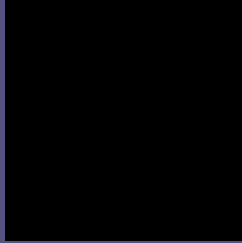
Any Text WCAG AA × Fail

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 535281 Background



This preview shows how black text looks on a background with the Hex color 535281.

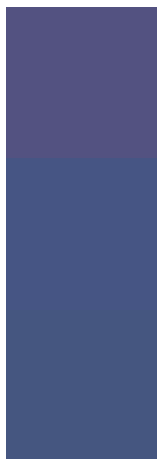


This preview shows how white text looks on a background with the Hex color 535281.

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](#).

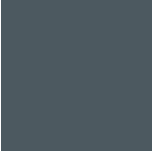
Dichromacy



Original Color
535281

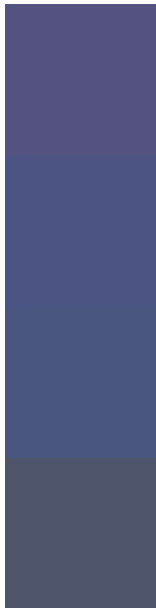
Protanopia
465584

Deuteranopia
455680



Tritanopia
4C5960

Trichromacy



Original Color
535281

Protanomaly
4B5483

Deuteranomaly
4A5580

Tritanomaly
4F566C

Monochromacy



Original Color
535281

Achromatopsia
585858

Achromatomaly
565667

CSS Examples

Text

The CSS property to change the color of the text to Hex 535281 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 #535281 looks like.

```
.text, #text, p{  
    color:#535281  
}
```

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 #535281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535281
}
```

Border

The CSS property to change the border of an element to Hex 535281 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
#535281 }
```

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

```
.border{ border-color:#535281 }
```

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

Here you see how a box with a 4 pixel #535281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535281; -webkit-box-shadow:4px 4px  
4px 4px #535281; box-shadow:4px 4px 4px  
4px #535281 }
```

Background

The CSS property to change the background color of an element to Hex 535281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535281 }
```

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

```
.background{ background-color:#535281 }
```

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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