

Converting Colors

Hex(535B97)

Have a look what the booklet for
Hex(535B97) contains.

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Color

Hex(535B97)

Conversions

Conversions Part 1

Format	Color
Hex	535B97
RGB	83, 91, 151
RGB Percent	33%, 36%, 59%
CMY	0.6745, 0.6431, 0.4078
CMYK	0.45, 0.40, 0.00, 0.41
HSL	233°, 29%, 46%
HSV	233°, 45%, 59%
XYZ	12.8943, 11.5555, 30.8290
YIQ	95.4480, -24.0280, 16.9640

Conversions

Conversions Part 2

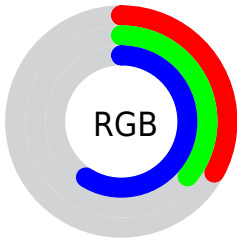
Format	Color
R_{YB}	83, 90, 151
Decimal	5462935
CIE _{Lab}	40.50, 13.38, -33.91
CIE _{LCh}	41, 36.457, 291.526
Yxy	11.5555, 0.2333, 0.2090
Android (android.graphics.Color)	4283653015 (0xFF535B97)
YUV	95.4480, 27.3871, -10.9169
Hunter-Lab	33.9934, 8.2195, -29.9753

Details

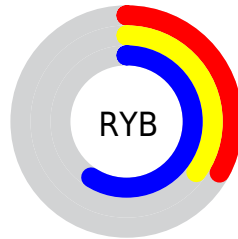
The Hex color **535B97** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **978F53**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **888DCE**, and **1E2E64** is the 20% darker color. If you saturate the color by 10%, you get **444E97**, and if you desaturate by 10%, it is **626897**.

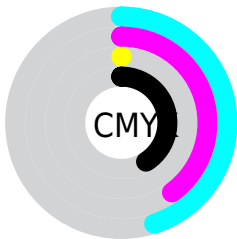
Distribution



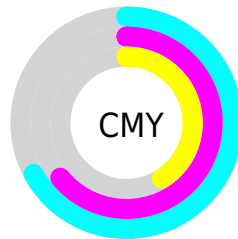
- Red (33%)
- Green (36%)
- Blue (59%)



- Red (33%)
- Yellow (35%)
- Blue (59%)



- Cyan (45%)
- Magenta (40%)
- Yellow (0%)
- Black (41%)



- Cyan (67%)
- Magenta (64%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535B97 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 535B97 by changing the saturation by 10% instead.

■ 535B97

■ 535B97

FFFFFF

■ 39447D

■ 888DCE

■ 1E2E64

■ A3A7EA

■ 00194B

■ BFC2FF

■ 000035

■ DBDEFF

■ 00021E

■ F8FBFF

■ 000001

■ 000000

■ 535B97

■ 535B97

■ 444E97

■ 626897

■ 354097

■ 717697

■ 263397

■ 808397

■ 172697

■ 8F9097

■ 081897

■ 9F9E97

■ 001297

■ AEAB97

■ BDB897

■ CCC697

■ DBD397

Harmonies

Analogous

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



00659A



535B97



7C4F85

Triad

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



535B97



8D5032



006E56

Complementary

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



535B97



978F53

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.



386B39



535B97



785B22

Square

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



535B97



97474B



5B6425



006E74

Rectangle

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



535B97



8D4873



5B6425



0E6D4C

Sweetspot

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



535B97



A9ACC4



53978E



535563



E3E3E3



636363

Same Dimension

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



535B97



5A67C4



6C5397



45464D



00108C



00010D

Inverse Universe

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



97535B



C45A67



7E9753



4D4546



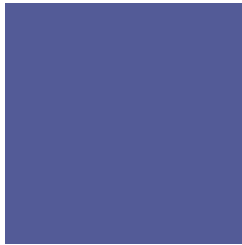
8C0011



0D0002

Previews

White Background



This preview shows how the Hex color 535B97 looks on a white background.

Color Contrast Check

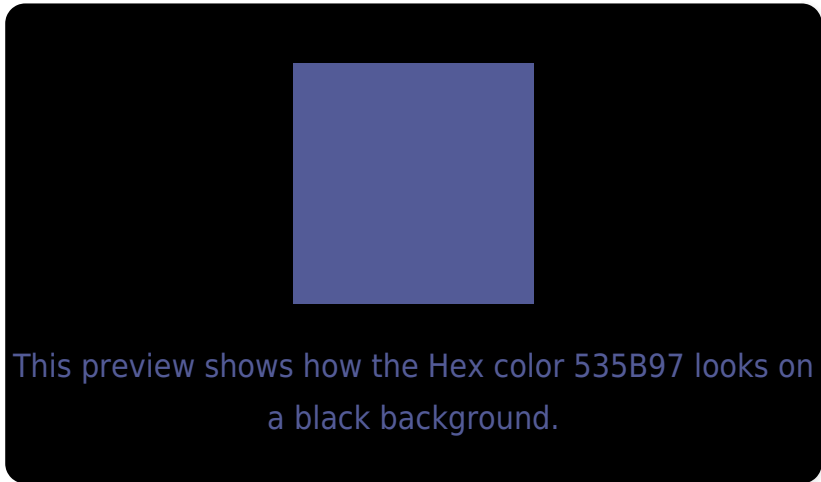
Large Text (above 18pt) WCAG AA ✓ Pass

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

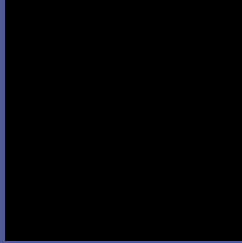
Any Text WCAG AA × Fail

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 535B97 Background



This preview shows how black text looks on a background with the Hex color 535B97.



This preview shows how white text looks on a background with the Hex color 535B97.

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
535B97

Protanopia
485D99

Deuteranopia
425F96



Tritanopia
47646C

Trichromacy



Original Color
535B97

Protanomaly
4C5C98

Deuteranomaly
485E96

Tritanomaly
4B617C

Monochromacy



Original Color
535B97

Achromatopsia
5F5F5F

Achromatomaly
5B5E73

CSS Examples

Text

The CSS property to change the color of the text to Hex 535B97 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 #535B97 looks like.

```
.text, #text, p{  
    color:#535B97  
}
```

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 #535B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535B97
}
```

Border

The CSS property to change the border of an element to Hex 535B97 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
#535B97 }
```

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

```
.border{ border-color:#535B97 }
```

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

Here you see how a box with a 4 pixel #535B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535B97; -webkit-box-shadow:4px 4px  
4px 4px #535B97; box-shadow:4px 4px 4px  
4px #535B97 }
```

Background

The CSS property to change the background color of an element to Hex 535B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535B97 }
```

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

```
.background{ background-color:#535B97 }
```

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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