

Converting Colors

Hex(531C87)

Have a look what the booklet for
Hex(531C87) contains.

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Color

Hex(531C87)

Conversions

Conversions Part 1

Format	Color
Hex	531C87
RGB	83, 28, 135
RGB Percent	33%, 11%, 53%
CMY	0.6745, 0.8902, 0.4706
CMYK	0.39, 0.79, 0.00, 0.47
HSL	271°, 66%, 32%
HSV	271°, 79%, 53%
XYZ	8.3557, 4.4188, 23.3342
YIQ	56.6430, -1.5670, 44.9370

Conversions

Conversions Part 2

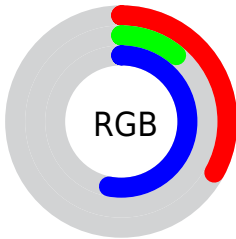
Format	Color
R_{YB}	83, 28, 135
Decimal	5446791
CIE _{Lab}	25.01, 45.56, -48.98
CIE _{LCh}	25, 66.889, 312.926
Yxy	4.4188, 0.2314, 0.1224
Android (android.graphics.Color)	4283636871 (0xFF531C87)
YUV	56.6430, 38.6300, 23.1151
Hunter-Lab	21.0209, 34.1664, -51.1001

Details

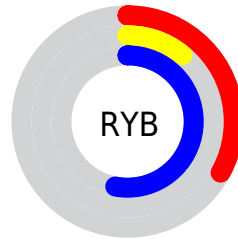
The Hex color **531C87** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **50871C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **894FBD**, and **1C0054** is the 20% darker color. If you saturate the color by 10%, you get **4C0E87**, and if you desaturate by 10%, it is **5A2987**.

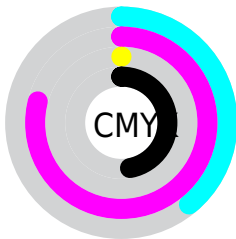
Distribution



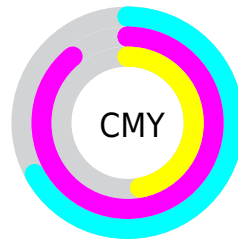
- Red (33%)
- Green (11%)
- Blue (53%)



- Red (33%)
- Yellow (11%)
- Blue (53%)



- Cyan (39%)
- Magenta (79%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (89%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 531C87 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 531C87 by changing the saturation by 10% instead.

■ 531C87

■ 531C87

FFFFFF

■ 38006D

■ 894FBD

■ 1C0054

■ A568D9

■ 00003C

■ C282F6

■ 000225

■ DE9DFF

■ 00010E

■ FCB8FF

■ 000000

■ FFD5FF

■ FFF1FF

■ 531C87

■ 531C87

■ 4C0E87

■ 5A2987

■ 460187

■ 603787

■ 450087

■ 674487

■ 6D5287

■ 745F87

■ 7A6D87

■ 817A87

■ 878887

■ 8E9687

Harmonies

Analogous

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



003CA1



531C87



83005A

Triad

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



531C87



612E00



004E51

Complementary

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



531C87



50871C

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.



004C1B



531C87



364000

Square

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



531C87



800000



004900



004E81

Rectangle

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



531C87



8D0039



004900



004E3F

Sweetspot

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



531C87



9B86B0



1C5287



4D3F59



D9D9D9



595959

Same Dimension

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



531C87



5F09B0



871C87



3F3C42



430082



010003

Inverse Universe

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



871C50



B0095A



1C871C



423C3F



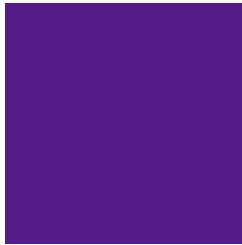
82003F



030001

Previews

White Background



This preview shows how the Hex color 531C87 looks on a white background.

Color Contrast Check

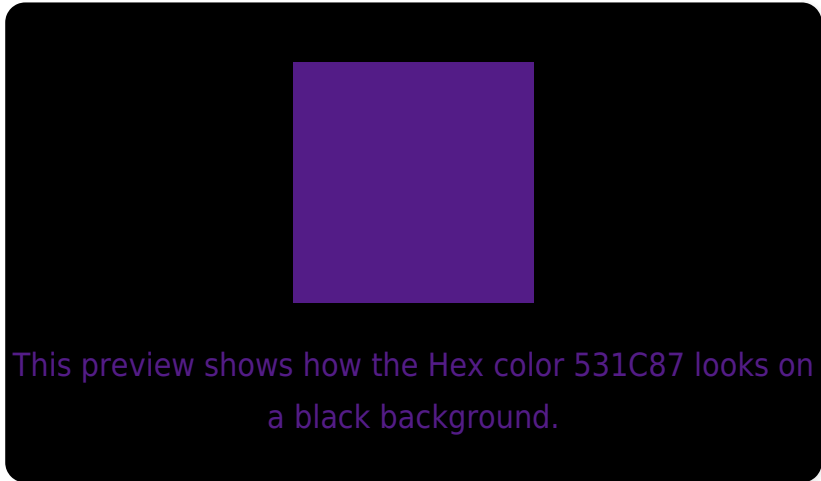
Large Text (above 18pt) WCAG AA ✓ Pass

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

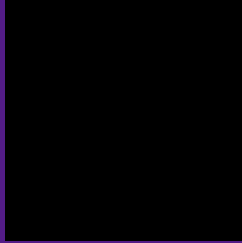
Any Text WCAG AA × Fail

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 531C87 Background



This preview shows how black text looks on a background with the Hex color 531C87.



This preview shows how white text looks on a background with the Hex color 531C87.

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
531C87

Deuteranopia
003E6A

Tritanopia
44393E

Trichromacy

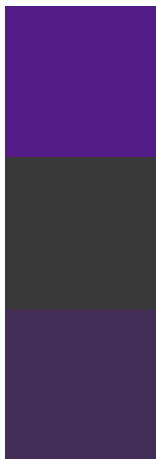


Original Color
531C87

Deuteranomaly
1E3275

Tritanomaly
492E59

Monochromacy



Original Color
531C87

Achromatopsia
393939

Achromatomaly
422E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 531C87 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 #531C87 looks like.

```
.text, #text, p{  
    color:#531C87  
}
```

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 #531C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #531C87
}
```

Border

The CSS property to change the border of an element to Hex 531C87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

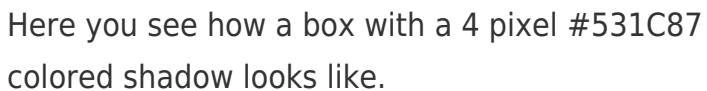
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#531C87 }
```

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

```
.border{ border-color:#531C87 }
```

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



Here you see how a box with a 4 pixel #531C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #531C87; -webkit-box-shadow:4px 4px  
4px 4px #531C87; box-shadow:4px 4px 4px  
4px #531C87 }
```

Background

The CSS property to change the background color of an element to Hex 531C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#531C87 }
```

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

```
.background{ background-color:#531C87 }
```

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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