

Converting Colors

Hex(5502C3)

Have a look what the booklet for
Hex(5502C3) contains.

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Color

Hex(5502C3)

Conversions

Conversions Part 1

Format	Color
Hex	5502C3
RGB	85, 2, 195
RGB Percent	33%, 1%, 76%
CMY	0.6667, 0.9922, 0.2353
CMYK	0.56, 0.99, 0.00, 0.24
HSL	266°, 98%, 39%
HSV	266°, 99%, 76%
XYZ	13.6183, 5.9148, 52.0537
YIQ	48.8190, -12.4850, 77.6190

Conversions

Conversions Part 2

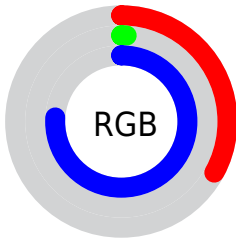
Format	Color
RYB	85, 2, 195
Decimal	5571267
CIELab	29.20, 66.82, -78.46
CIELCh	29, 103.060, 310.421
Yxy	5.9148, 0.1902, 0.0826
Android (android.graphics.Color)	4283761347 (0xFF5502C3)
YUV	48.8190, 72.0672, 31.7307
Hunter-Lab	24.3204, 57.3911, -109.8756

Details

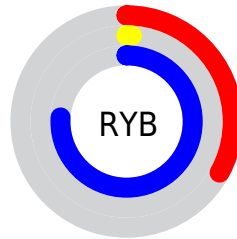
The Hex color **5502C3** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **70C302**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **9347FD**, and **00008C** is the 20% darker color. If you saturate the color by 10%, you get **5400C3**, and if you desaturate by 10%, it is **6015C3**.

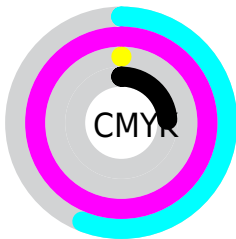
Distribution



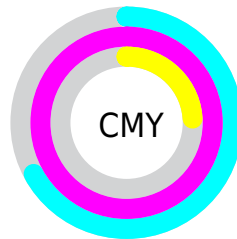
- Red (33%)
- Green (1%)
- Blue (76%)



- Red (33%)
- Yellow (1%)
- Blue (76%)



- Cyan (56%)
- Magenta (99%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (99%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5502C3 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 5502C3 by changing the saturation by 10% instead.

■ 5502C3

■ 5502C3

FFFFFF

■ 3200A7

■ 9347FD

■ 00008C

■ B162FF

■ 000071

■ D07DFF

■ 000057

■ EE99FF

■ 00063F

■ FFB5FF

■ 000328

■ FFD1FF

■ 000112

■ FFEEFF

■ 000000

■ 5502C3

■ 5502C3

■ 5400C3

■ 6015C3

■ 6B29C3

■ 763DC3

■ 8150C3

■ 8D63C3

■ 9877C3

■ A38AC3

■ AE9EC3

■ B9B2C3

Harmonies

Analogous

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



004CEA



5502C3



AE007C

Triad

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



5502C3



7D2900



005D60

Complementary

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



5502C3



70C302

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.



005B00



5502C3



3B4B00

Square

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



5502C3



AC0000



005700



0060AE

Rectangle

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



5502C3



C00048



005700



005D44

Sweetspot

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



5502C3



D1B1FC



0273C3



655280



000000



808080

Same Dimension

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



5502C3



6D00FC



B302C3



5B5761



4500A1



0E0021

Inverse Universe

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



C30270



FC0090



12C302



61575D



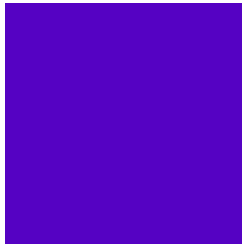
A1005C



210013

Previews

White Background



This preview shows how the Hex color 5502C3 looks on a white background.

Color Contrast Check

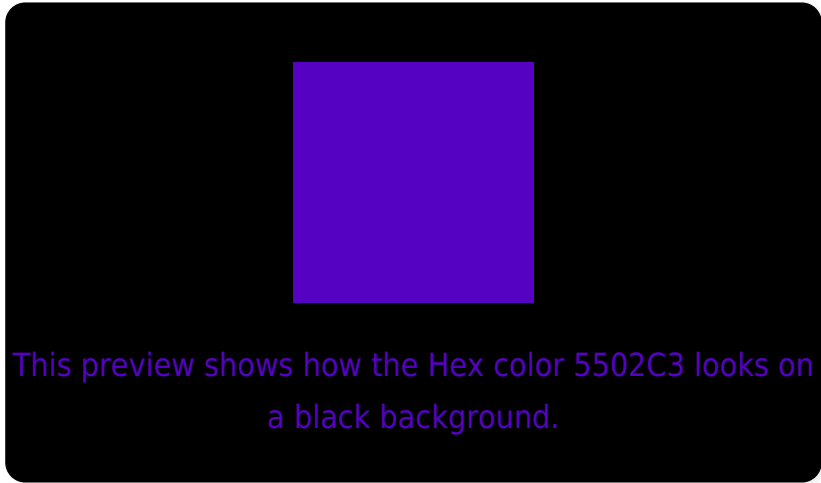
Large Text (above 18pt) WCAG AA ✓ Pass

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

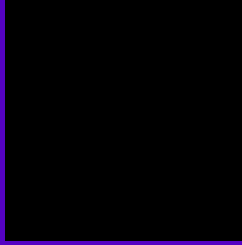
Any Text WCAG AA × Fail

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 5502C3 Background



This preview shows how black text looks on a background with the Hex color 5502C3.



This preview shows how white text looks on a background with the Hex color 5502C3.

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
5502C3

Protanopia
004490

Deuteranopia
00497B



Tritanopia
2B4C52

Trichromacy



Original Color
5502C3

Protanomaly
1F2CA3

Deuteranomaly
1F2F95

Tritanomaly
3A317B

Monochromacy



Original Color
5502C3

Achromatopsia
313131

Achromatomaly
3E2066

CSS Examples

Text

The CSS property to change the color of the text to Hex 5502C3 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 #5502C3 looks like.

```
.text, #text, p{  
    color:#5502C3  
}
```

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 #5502C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5502C3
}
```

Border

The CSS property to change the border of an element to Hex 5502C3 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
#5502C3 }
```

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

```
.border{ border-color:#5502C3 }
```

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

Here you see how a box with a 4 pixel #5502C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5502C3; -webkit-box-shadow:4px 4px  
4px 4px #5502C3; box-shadow:4px 4px 4px  
4px #5502C3 }
```

Background

The CSS property to change the background color of an element to Hex 5502C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5502C3 }
```

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

```
.background{ background-color:#5502C3 }
```

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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