

Converting Colors

Hex(5500B2)

Have a look what the booklet for
Hex(5500B2) contains.

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Color

Hex(5500B2)

Conversions

Conversions Part 1

Format	Color
Hex	5500B2
RGB	85, 0, 178
RGB Percent	33%, 0%, 70%
CMY	0.6667, 1.0000, 0.3020
CMYK	0.52, 1.00, 0.00, 0.30
HSL	269°, 100%, 35%
HSV	269°, 100%, 70%
XYZ	11.7822, 5.1456, 42.4917
YIQ	45.7070, -6.4780, 73.3780

Conversions

Conversions Part 2

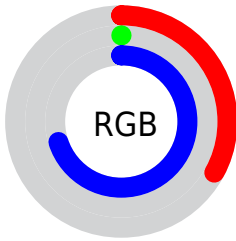
Format	Color
R _Y B	85, 0, 178
Decimal	5570738
CIE Lab	27.15, 63.33, -71.76
CIE LCh	27, 95.715, 311.429
Yxy	5.1456, 0.1983, 0.0866
Android (android.graphics.Color)	4283760818 (0xFF5500B2)
YUV	45.7070, 65.2204, 34.4600
Hunter-Lab	22.6840, 53.0168, -95.1832

Details

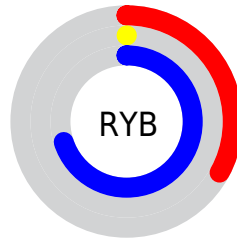
The Hex color **5500B2** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **5DB200**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9144EB**, and **01007C** is the 20% darker color. If you saturate the color by 10%, you get **5500B2**, and if you desaturate by 10%, it is **5E12B2**.

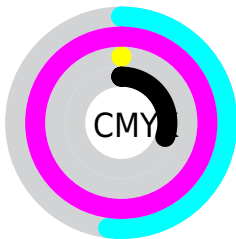
Distribution



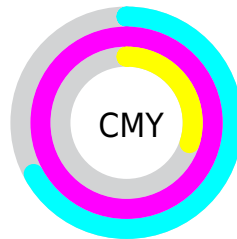
- Red (33%)
- Green (0%)
- Blue (70%)



- Red (33%)
- Yellow (0%)
- Blue (70%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (67%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5500B2 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 5500B2 by changing the saturation by 10% instead.

 5500B2

 5500B2

FFFFFF

 340096

 9144EB

 01007C

 AF5FFF

 000062

 CC7AFF

 000249

 EB95FF

 000431

 FFB1FF

 00011B

 FFCEFF

 000000

 FFE8FF

 5500B2

 5E12B2

 6824B2

 7135B2

 7A47B2

 8459B2

 8D6BB2

 967DB2

 9F8EB2

 A9A0B2

Harmonies

Analogous

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



0045D7



5500B2



A30071

Triad

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



5500B2



732900



00575C

Complementary

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



5500B2



5DB200

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.



005507



5500B2



354700

Square

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



5500B2



9E0000



005100



0059A3

Rectangle

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



5500B2



B20041



005100



005642

Sweetspot

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



5500B2



C4A2E8



005FB2



5F4B75



F5F5F5



757575

Same Dimension

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



5500B2



6F00E8



AC00B2



555059



490099



0C001A

Inverse Universe

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



B2005D



E80079



06B200



595055



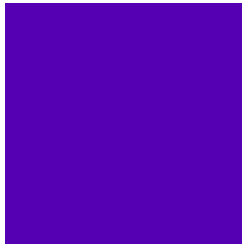
990050



1A000D

Previews

White Background



This preview shows how the Hex color 5500B2 looks on a white background.

Color Contrast Check

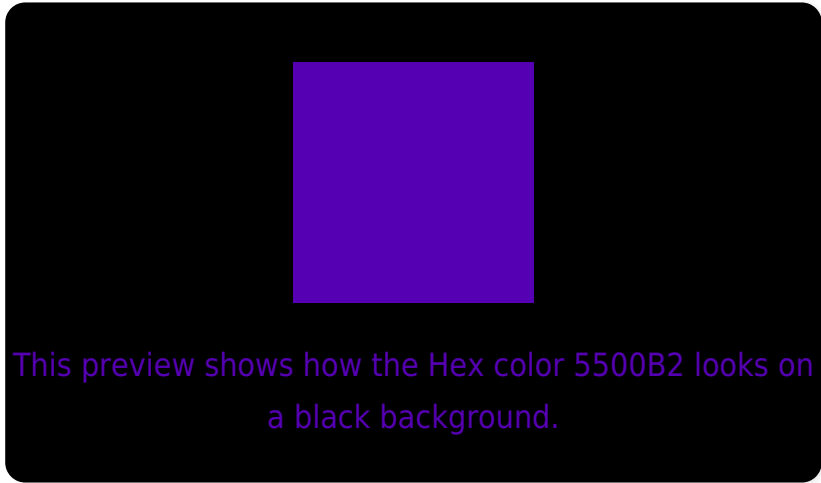
Large Text (above 18pt) WCAG AA ✓ Pass

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

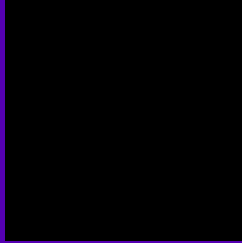
Any Text WCAG AA × Fail

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 5500B2 Background



This preview shows how black text looks on a background with the Hex color 5500B2.

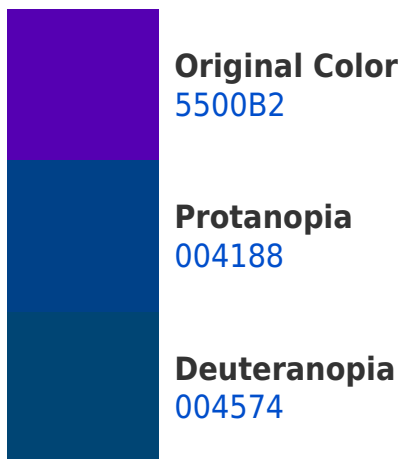


This preview shows how white text looks on a background with the Hex color 5500B2.

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





Tritanopia
35454B

Trichromacy



Original Color
5500B2

Protanomaly
1F2997

Deuteranomaly
1F2C8B

Tritanomaly
412C70

Monochromacy



Original Color
5500B2

Achromatopsia
2E2E2E

Achromatomaly
3C1D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5500B2 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 #5500B2 looks like.

```
.text, #text, p{  
    color:#5500B2  
}
```

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 #5500B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5500B2
}
```

Border

The CSS property to change the border of an element to Hex 5500B2 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
#5500B2 }
```

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

```
.border{ border-color:#5500B2 }
```

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

Here you see how a box with a 4 pixel #5500B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5500B2; -webkit-box-shadow:4px 4px  
4px 4px #5500B2; box-shadow:4px 4px 4px  
4px #5500B2 }
```

Background

The CSS property to change the background color of an element to Hex 5500B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5500B2 }
```

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

```
.background{ background-color:#5500B2 }
```

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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