

Converting Colors

Hex(5527C2)

Have a look what the booklet for
Hex(5527C2) contains.

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Color

Hex(5527C2)

Conversions

Conversions Part 1

Format	Color
Hex	5527C2
RGB	85, 39, 194
RGB Percent	33%, 15%, 76%
CMY	0.6667, 0.8471, 0.2392
CMYK	0.56, 0.80, 0.00, 0.24
HSL	258°, 67%, 46%
HSV	258°, 80%, 76%
XYZ	14.2094, 7.2774, 51.6947
YIQ	70.4240, -22.3390, 57.9570

Conversions

Conversions Part 2

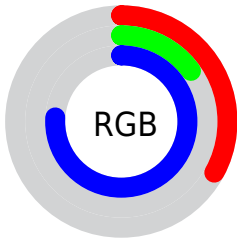
Format	Color
RYB	85, 39, 194
Decimal	5580738
CIELab	32.43, 56.62, -72.52
CIElCh	32, 92.007, 307.978
Yxy	7.2774, 0.1942, 0.0994
Android (android.graphics.Color)	4283770818 (0xFF5527C2)
YUV	70.4240, 60.9230, 12.7832
Hunter-Lab	26.9766, 46.8125, -94.7325

Details

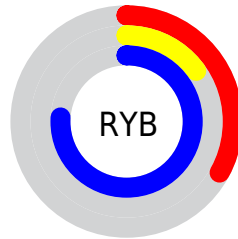
The Hex color **5527C2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **94C227**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **925BFC**, and **00008B** is the 20% darker color. If you saturate the color by 10%, you get **4714C2**, and if you desaturate by 10%, it is **633AC2**.

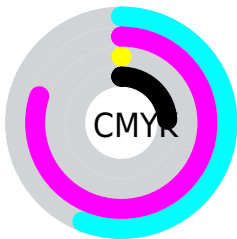
Distribution



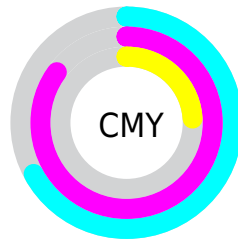
- Red (33%)
- Green (15%)
- Blue (76%)



- Red (33%)
- Yellow (15%)
- Blue (76%)



- Cyan (56%)
- Magenta (80%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (85%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5527C2 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 5527C2 by changing the saturation by 10% instead.

■ 5527C2

■ 5527C2

FFFFFF

■ 3308A6

■ 925BFC

■ 00008B

■ AF75FF

■ 000071

■ CD90FF

■ 000057

■ ECABFF

■ 00063F

■ FFC7FF

■ 000328

■ FFE4FF

■ 000111

■ 000000

■ 5527C2

■ 5527C2

4714C2

633AC2

3A00C2

704EC2

7E61C2

8C75C2

9988C2

A79BC2

B4AFC2

C2C2C2

D0D6C2

Harmonies

Analogous

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



0053E1



5527C2



AA0084

Triad

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



5527C2



873100



00655F

Complementary

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



5527C2



94C227

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.



006209



5527C2



4D5000

Square

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



5527C2



B00000



005D00



0066A6

Rectangle

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



5527C2



BE0055



005D00



006445

Sweetspot

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



5527C2



D2C0FC



2796C2



655B80



000000



808080

Same Dimension

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



5527C2



520AFC



A027C2



5A5761



3000A1



0A0021

Inverse Universe

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



C22794



FC0AB5



49C227



61575E



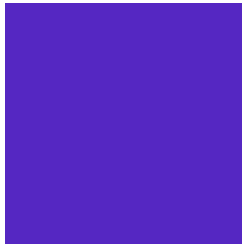
A10071



210017

Previews

White Background



This preview shows how the Hex color 5527C2 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

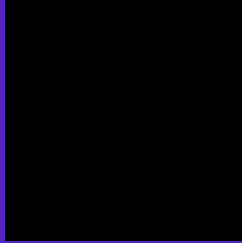
Any Text WCAG AA × Fail

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 5527C2 Background



This preview shows how black text looks on a background with the Hex color 5527C2.

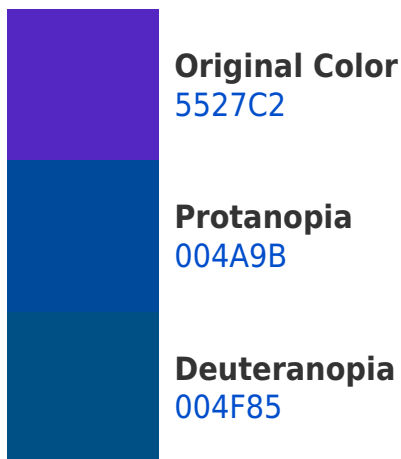


This preview shows how white text looks on a background with the Hex color 5527C2.

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
2E5259

Trichromacy



Original Color
5527C2



Protanomaly
1F3DA9



Deuteranomaly
1F409B



Tritanomaly
3C427F

Monochromacy



Original Color
5527C2



Achromatopsia
464646



Achromatomaly
4B3B73

CSS Examples

Text

The CSS property to change the color of the text to Hex 5527C2 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 #5527C2 looks like.

```
.text, #text, p{  
    color:#5527C2  
}
```

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 #5527C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5527C2
}
```

Border

The CSS property to change the border of an element to Hex 5527C2 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".

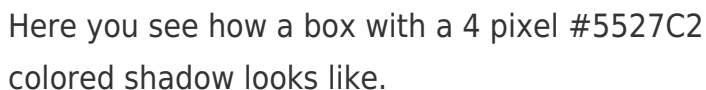
```
.border, #border, table{ border:4px solid
#5527C2 }
```

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

```
.border{ border-color:#5527C2 }
```

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

Here you see how a box with a 4 pixel #5527C2 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5527C2; -webkit-box-shadow:4px 4px  
4px 4px #5527C2; box-shadow:4px 4px 4px  
4px #5527C2 }
```

Background

The CSS property to change the background color of an element to Hex 5527C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5527C2 }
```

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

```
.background{ background-color:#5527C2 }
```

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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