

Converting Colors

Hex(5512B8)

Have a look what the booklet for
Hex(5512B8) contains.

Hex(5512B8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5512B8)

Conversions

Conversions Part 1

Format	Color
Hex	5512B8
RGB	85, 18, 184
RGB Percent	33%, 7%, 72%
CMY	0.6667, 0.9294, 0.2784
CMYK	0.54, 0.90, 0.00, 0.28
HSL	264°, 82%, 40%
HSV	264°, 90%, 72%
XYZ	12.6143, 5.8246, 45.8068
YIQ	56.9570, -13.3540, 65.8300

Conversions

Conversions Part 2

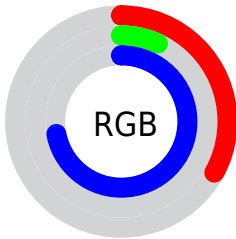
Format	Color
R_{YB}	85, 18, 184
Decimal	5575352
CIE _{Lab}	28.97, 61.23, -72.33
CIE _{LCh}	29, 94.766, 310.246
Yxy	5.8246, 0.1963, 0.0907
Android (android.graphics.Color)	4283765432 (0xFF5512B8)
YUV	56.9570, 62.6322, 24.5937
Hunter-Lab	24.1342, 51.0626, -95.6387

Details

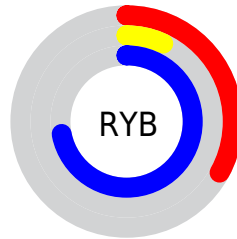
The Hex color **5512B8** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **75B812**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **914CF1**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **4A00B8**, and if you desaturate by 10%, it is **6024B8**.

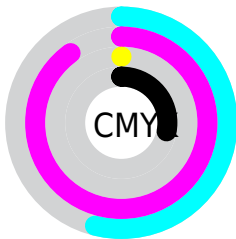
Distribution



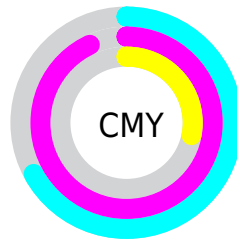
- Red (33%)
- Green (7%)
- Blue (72%)



- Red (33%)
- Yellow (7%)
- Blue (72%)



- Cyan (54%)
- Magenta (90%)
- Yellow (0%)
- Black (28%)



- Cyan (67%)
- Magenta (93%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5512B8 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 5512B8 by changing the saturation by 10% instead.

■ 5512B8

■ 5512B8

FFFFFF

■ 34009C

■ 914CF1

■ 000081

■ AF67FF

■ 000067

■ CD81FF

■ 00004E

■ EB9DFF

■ 000536

■ FFB9FF

■ 000220

■ FFD5FF

■ 000004

■ FFF2FF

■ 000000

■ 5512B8

■ 5512B8

■ 4A00B8

■ 6024B8

■ 6B37B8

■ 7649B8

■ 815CB8

■ 8C6EB8

■ 9780B8

■ A293B8

■ ADA5B8

■ B8B8B8

Harmonies

Analogous

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



004ADB



5512B8



A60078

Triad

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



5512B8



7A2B00



005C5D

Complementary

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



5512B8



75B812

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.



005A07



5512B8



3D4A00

Square

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



5512B8



A50000



005600



005EA4

Rectangle

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



5512B8



B70048



005600



005B43

Sweetspot

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



5512B8



C9AFF0



1276B8



615178



F7F7F7



787878

Same Dimension

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



5512B8



6100F0



A712B8



56535C



3F009C



0B001C

Inverse Universe

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



B81275



F0008F



23B812



5C5358



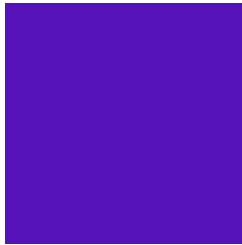
9C005D



1C0011

Previews

White Background



This preview shows how the Hex color 5512B8 looks on a white background.

Color Contrast Check

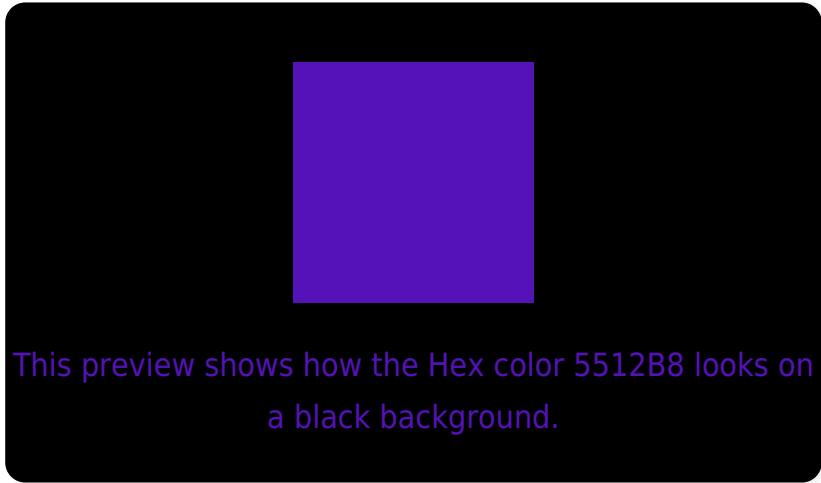
Large Text (above 18pt) WCAG AA ✓ Pass

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

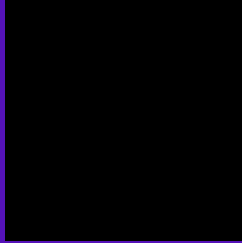
Any Text WCAG AA × Fail

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 5512B8 Background



This preview shows how black text looks on a background with the Hex color 5512B8.

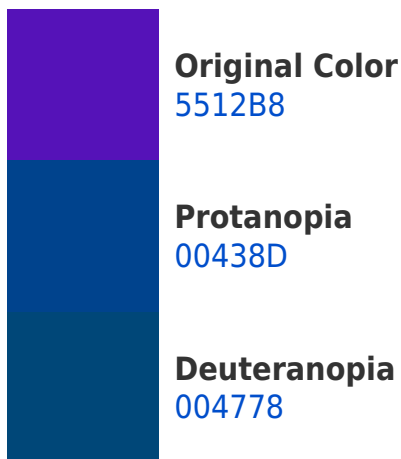


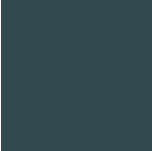
This preview shows how white text looks on a background with the Hex color 5512B8.

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
33494F

Trichromacy



Original Color
5512B8

Protanomaly
1F319D

Deuteranomaly
1F348F

Tritanomaly
3F3575

Monochromacy



Original Color
5512B8

Achromatopsia
393939

Achromatomaly
432B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 5512B8 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 #5512B8 looks like.

```
.text, #text, p{  
    color:#5512B8  
}
```

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 #5512B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5512B8
}
```

Border

The CSS property to change the border of an element to Hex 5512B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

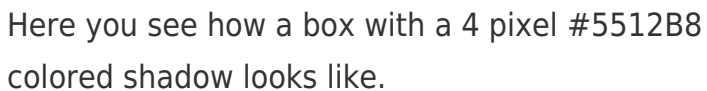
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5512B8 }
```

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

```
.border{ border-color:#5512B8 }
```

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



Here you see how a box with a 4 pixel #5512B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5512B8; -webkit-box-shadow:4px 4px  
4px 4px #5512B8; box-shadow:4px 4px 4px  
4px #5512B8 }
```

Background

The CSS property to change the background color of an element to Hex 5512B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5512B8 }
```

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

```
.background{ background-color:#5512B8 }
```

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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