

Converting Colors

Hex(522CDB)

Have a look what the booklet for
Hex(522CDB) contains.

Hex(522CDB)	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(522CDB)

Conversions

Conversions Part 1

Format	Color
Hex	522CDB
RGB	82, 44, 219
RGB Percent	32%, 17%, 86%
CMY	0.6784, 0.8275, 0.1412
CMYK	0.63, 0.80, 0.00, 0.14
HSL	253°, 71%, 52%
HSV	253°, 80%, 86%
XYZ	17.1665, 8.7097, 67.7942
YIQ	75.3120, -33.5270, 62.4810

Conversions

Conversions Part 2

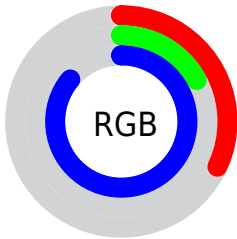
Format	Color
R_{YB}	82, 44, 219
Decimal	5385435
CIE _{Lab}	35.42, 61.00, -82.13
CIE _{LCh}	35, 102.301, 306.601
Yxy	8.7097, 0.1833, 0.0930
Android (android.graphics.Color)	4283575515 (0xFF522CDB)
YUV	75.3120, 70.8382, 5.8654
Hunter-Lab	29.5122, 52.1830, -115.5402

Details

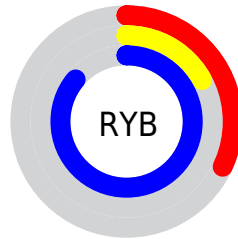
The Hex color **522CDB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **B5DB2C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9360FF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **4116DB**, and if you desaturate by 10%, it is **6342DB**.

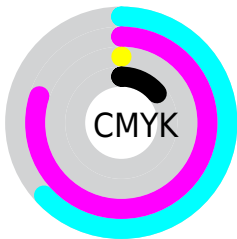
Distribution



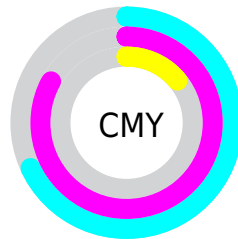
- Red (32%)
- Green (17%)
- Blue (86%)



- Red (32%)
- Yellow (17%)
- Blue (86%)



- Cyan (63%)
- Magenta (80%)
- Yellow (0%)
- Black (14%)



- Cyan (68%)
- Magenta (83%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 522CDB 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 522CDB by changing the saturation by 10% instead.

■ 522CDB

■ 522CDB

FFFFFF

■ 2A0FBE

■ 9360FF

■ 0000A2

■ B27AFF

■ 000087

■ D095FF

■ 00006D

■ EFB1FF

■ 000B53

■ FFCDFE

■ 00063B

■ FFEAFF

■ 000225

■ 00010D

■ 000000

■ 522CDB

■ 522CDB

■ 4116DB

■ 6342DB

■ 3000DB

■ 7458DB

■ 856EDB

■ 9784DB

■ A89ADB

■ B9AFDB

■ CAC5DB

■ DBDBDB

■ ECF1DB

Harmonies

Analogous

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



005DFD



522CDB



BA0096

Triad

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



522CDB



973100



006E64

Complementary

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



522CDB



B5DB2C

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.



006C00



522CDB



565700

Square

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



522CDB



C50000



006600



0070B6

Rectangle

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



522CDB



D20061



006600



006D48

Sweetspot

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



522CDB



CFC2FF



2CB5DB



635B80



000000



808080

Same Dimension

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



522CDB



3F0AFF



A92CDB



65636E



2600AD



0A002E

Inverse Universe

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



DB2CB5



FF0ACA



5EDB2C



6E636B



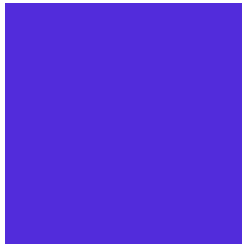
AD0088



2E0024

Previews

White Background



This preview shows how the Hex color 522CDB 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

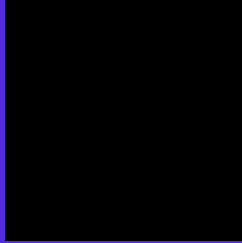
Any Text WCAG AA × Fail

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 522CDB Background



This preview shows how black text looks on a background with the Hex color 522CDB.

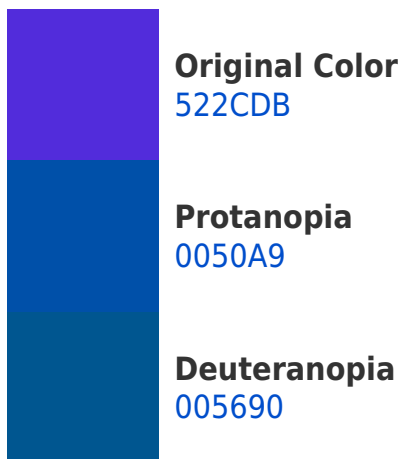


This preview shows how white text looks on a background with the Hex color 522CDB.

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
005C63

Trichromacy



Original Color
522CDB



Protanomaly
1E43BB



Deuteranomaly
1E47AB



Tritanomaly
1E4B8F

Monochromacy



Original Color
522CDB



Achromatopsia
4B4B4B



Achromatomaly
4E407F

CSS Examples

Text

The CSS property to change the color of the text to Hex 522CDB 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 #522CDB looks like.

```
.text, #text, p{  
    color:#522CDB  
}
```

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 #522CDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522CDB
}
```

Border

The CSS property to change the border of an element to Hex 522CDB is called "border". The border property can be set on classes, ids or directly on the HTML element.

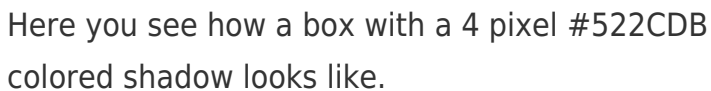
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#522CDB }
```

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

```
.border{ border-color:#522CDB }
```

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



Here you see how a box with a 4 pixel #522CDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522CDB; -webkit-box-shadow:4px 4px  
4px 4px #522CDB; box-shadow:4px 4px 4px  
4px #522CDB }
```

Background

The CSS property to change the background color of an element to Hex 522CDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522CDB }
```

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

```
.background{ background-color:#522CDB }
```

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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