

# Converting Colors

Hex(522CDA)

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

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# Color

**Hex(522CDA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	522CDA
RGB	82, 44, 218
RGB Percent	32%, 17%, 85%
CMY	0.6784, 0.8275, 0.1451
CMYK	0.62, 0.80, 0.00, 0.15
HSL	253°, 70%, 51%
HSV	253°, 80%, 85%
XYZ	17.0352, 8.6572, 67.1028
YIQ	75.1980, -33.2060, 62.1700

# Conversions

## Conversions Part 2

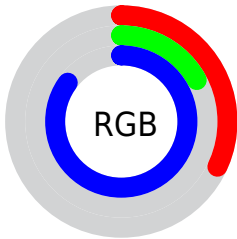
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 44, 218
Decimal	5385434
CIE <sub>Lab</sub>	35.32, 60.72, -81.72
CIE <sub>LCh</sub>	35, 101.812, 306.612
Yxy	8.6572, 0.1836, 0.0933
Android (android.graphics.Color)	4283575514 (0xFF522CDA)
YUV	75.1980, 70.4014, 5.9654
Hunter-Lab	29.4230, 51.8569, -114.6219

# Details

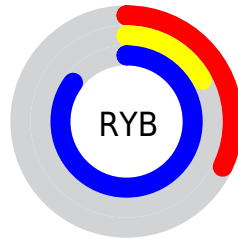
The Hex color **522CDA** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **B4DA2C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9360FF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **4116DA**, and if you desaturate by 10%, it is **6342DA**.

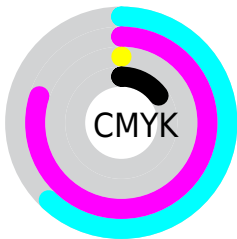
# Distribution



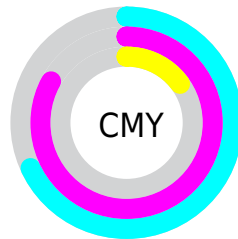
- Red (32%)
- Green (17%)
- Blue (85%)



- Red (32%)
- Yellow (17%)
- Blue (85%)



- Cyan (62%)
- Magenta (80%)
- Yellow (0%)
- Black (15%)



- Cyan (68%)
- Magenta (83%)
- Yellow (15%)

# Brightness & Saturation Gradients

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



■ 522CDA

■ 522CDA

FFFFFF

■ 2A0FBD

■ 9360FF

■ 0000A1

■ B17AFF

■ 000086

■ D095FF

■ 00006C

■ EFB1FF

■ 000B52

■ FFCDFE

■ 00063A

■ FFEAFF

■ 000224

■ 00000B

■ 000000

■ 522CDA

■ 522CDA

■ 4116DA

■ 6342DA

■ 3000DA

■ 7458DA

■ 856DDA

■ 9683DA

■ A799DA

■ B8AFDA

■ C9C5DA

■ DADADA

■ EBF0DA

# Harmonies

## Analogous

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



005CFB



522CDA



BA0096

# Triad

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



522CDA



973100



006E64

# Complementary

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



522CDA



B4DA2C

# 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.



006B00



522CDA



565700

# Square

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



522CDA



C40000



006600



0070B5

# Rectangle

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



522CDA



D10060



006600



006D47



# Sweetspot

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



522CDA



CFC2FF



2CB4DA



635B80



000000



808080



# Same Dimension

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



522CDA



400AFF



A92CDA



65636E



2600AD



0A002E



# Inverse Universe

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



DA2CB4



FF0ACA



5DDA2C



6E636B



AD0088

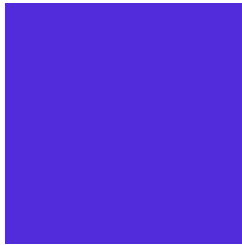


2E0024



# Previews

## White Background



This preview shows how the Hex color 522CDA 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 522CDA Background



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

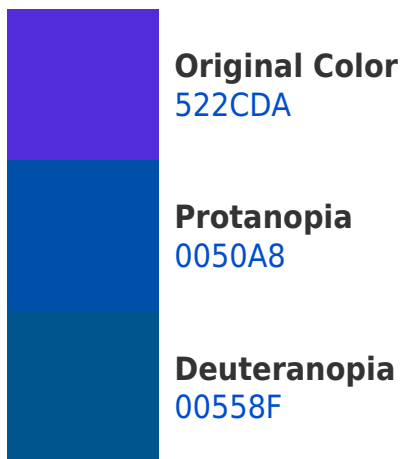


This preview shows how white text looks on a background with the Hex color 522CDA.

# 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**  
522CDA



**Protanomaly**  
1E43BA



**Deuteranomaly**  
1E46AA



**Tritanomaly**  
1E4B8E

# Monochromacy



**Original Color**  
522CDA



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
4E407F

# CSS Examples

## Text

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

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

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 #522CDA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 522CDA 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
#522CDA }
```

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

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

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

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

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

# Background

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

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

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

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

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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