

Converting Colors

Hex(D520B2)

Have a look what the booklet for
Hex(D520B2) contains.

Hex(D520B2)	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(D520B2)

Conversions

Conversions Part 1

Format	Color
Hex	D520B2
RGB	213, 32, 178
RGB Percent	84%, 13%, 70%
CMY	0.1647, 0.8745, 0.3020
CMYK	0.00, 0.85, 0.16, 0.16
HSL	312°, 74%, 48%
HSV	312°, 85%, 84%
XYZ	35.9930, 18.3935, 43.7727
YIQ	102.7630, 61.0100, 83.7780

Conversions

Conversions Part 2

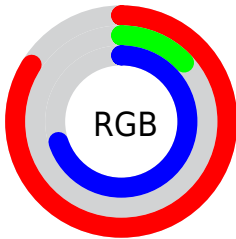
Format	Color
R_{YB}	213, 32, 178
Decimal	13967538
CIE _{Lab}	49.97, 77.39, -33.87
CIE _{LCh}	50, 84.473, 336.364
Yxy	18.3935, 0.3667, 0.1874
Android (android.graphics.Color)	4292157618 (0xFFD520B2)
YUV	102.7630, 37.0918, 96.6778
Hunter-Lab	42.8877, 74.7506, -30.4922

Details

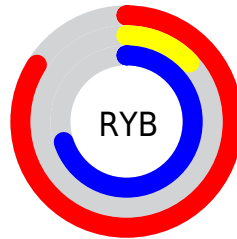
The Hex color **D520B2** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **20D543**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF67EA**, and **9A007D** is the 20% darker color. If you saturate the color by 10%, you get **D50BAE**, and if you desaturate by 10%, it is **D535B6**.

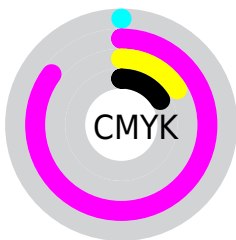
Distribution



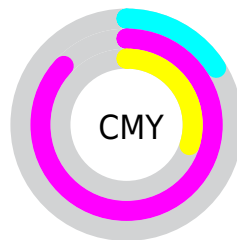
- Red (84%)
- Green (13%)
- Blue (70%)



- Red (84%)
- Yellow (13%)
- Blue (70%)



- Cyan (0%)
- Magenta (85%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (87%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color D520B2 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 D520B2 by changing the saturation by 10% instead.

 D520B2

 D520B2

FFFFFF

 B70097

 FF67EA

 9A007D

 FF85FF

 7D0063

 FFA3FF

 60004B

 FFC0FF

 460034

 FFDEFF

 28001E

 FFFDFF

 000000

 D520B2

 D520B2

 D50BAE

 D535B6

 D500AC

 D54BBA

 D560BE

 D575C2

 D58BC7

 D5A0CB

 D5B5CF

 D5CAD3

 D5E0D7

Harmonies

Analogous

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



845AEC



D520B2



F0006B

Triad

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



D520B2



847900



0094CB

Complementary

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



D520B2



20D543

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.



009485



D520B2



2E8900

Square

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



D520B2



BD5C00



009138



008EFC

Rectangle

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



D520B2



EC0C3D



009138



0094B5

Sweetspot

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



D520B2



FFBFF3



4120D5



805978



000000



808080

Same Dimension

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



D520B2



FF00CE



D52059



6B6069



AB008A



2B0023

Inverse Universe

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



D520B2



FF00CE



20D59C



6B6069



AB008A



2B0023

Previews

White Background



This preview shows how the Hex color D520B2 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D520B2 Background



This preview shows how black text looks on a background with the Hex color D520B2.



This preview shows how white text looks on a background with the Hex color D520B2.

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
CC4B4F

Trichromacy



Original Color
D520B2



Protanomaly
5655DD



Deuteranomaly
8F57AB



Tritanomaly
CF3B73

Monochromacy



Original Color
D520B2



Achromatopsia
676767



Achromatomaly
8F4D82

CSS Examples

Text

The CSS property to change the color of the text to Hex D520B2 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 #D520B2 looks like.

```
.text, #text, p{  
    color:#D520B2  
}
```

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 #D520B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D520B2
}
```

Border

The CSS property to change the border of an element to Hex D520B2 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
#D520B2 }
```

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

```
.border{ border-color:#D520B2 }
```

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

Here you see how a box with a 4 pixel #D520B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D520B2; -webkit-box-shadow:4px 4px  
4px 4px #D520B2; box-shadow:4px 4px 4px  
4px #D520B2 }
```

Background

The CSS property to change the background color of an element to Hex D520B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D520B2 }
```

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

```
.background{ background-color:#D520B2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor