

# Converting Colors

Hex(B520BB)

Have a look what the booklet for  
Hex(B520BB) contains.

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**Color**

**Hex(B520BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B520BB
RGB	181, 32, 187
RGB Percent	71%, 13%, 73%
CMY	0.2902, 0.8745, 0.2667
CMYK	0.03, 0.83, 0.00, 0.27
HSL	298°, 71%, 43%
HSV	298°, 83%, 73%
XYZ	28.5422, 14.4446, 48.2975
YIQ	94.2210, 39.0490, 79.7930

# Conversions

## Conversions Part 2

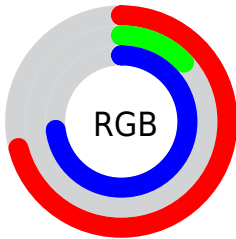
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 32, 187
Decimal	11870395
CIE <sub>Lab</sub>	44.86, 72.48, -47.59
CIE <sub>LCh</sub>	45, 86.709, 326.712
Yxy	14.4446, 0.3127, 0.1582
Android (android.graphics.Color)	4290060475 (0xFFB520BB)
YUV	94.2210, 45.7400, 76.1052
Hunter-Lab	38.0061, 67.5411, -48.7404

# Details

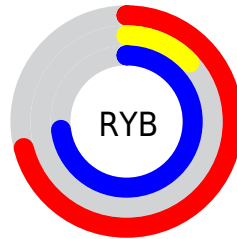
The Hex color **B520BB** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **26BB20**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F062F4**, and **7C0085** is the 20% darker color. If you saturate the color by 10%, you get **B40DBB**, and if you desaturate by 10%, it is **B633BB**.

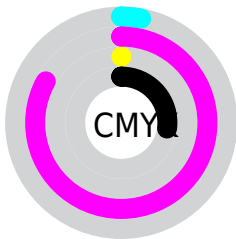
# Distribution



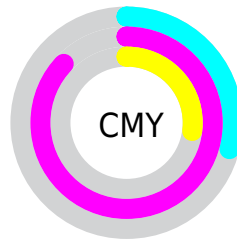
- Red (71%)
- Green (13%)
- Blue (73%)



- Red (71%)
- Yellow (13%)
- Blue (73%)



- Cyan (3%)
- Magenta (83%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (87%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B520BB 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 B520BB by changing the saturation by 10% instead.



 B520BB

 B520BB

FFFFFF

 9800A0

 F062F4

 7C0085

 FF7FFF

 5F006B

 FF9CFF

 440052

 FFB9FF

 29003A

 FFD7FF

 000023

 FFF4FF

 00000A

 000000

 B520BB

 B520BB

 B40DBB

 B633BB

 B400BB

 B645BB

 B758BB

 B86BBB

 B97EBB

 B990BB

 BAA3BB

 BBB6BB

 BCC8BB

# Harmonies

## Analogous

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



395BEE



B520BB



DF0076

# Triad

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



B520BB



896500



0087AA

# Complementary

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



B520BB



26BB20

# 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.



008660



B520BB



417800

# Square

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



B520BB



BD4000



008202



0084E4

# Rectangle

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



B520BB



E20046



008202



008792



# Sweetspot

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



B520BB



F0B6F2



2028BB



79567A



FAFAFA



7A7A7A



# Same Dimension

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



B520BB



E902F2



BB2075



5E555E



98009E



1D001F



# Inverse Universe

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



BB2026



F2020C



20BB66



5E5555



9E0006



1F0001



# Previews

## White Background



This preview shows how the Hex color B520BB 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

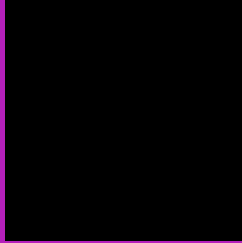
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B520BB Background



This preview shows how black text looks on a background with the Hex color B520BB.

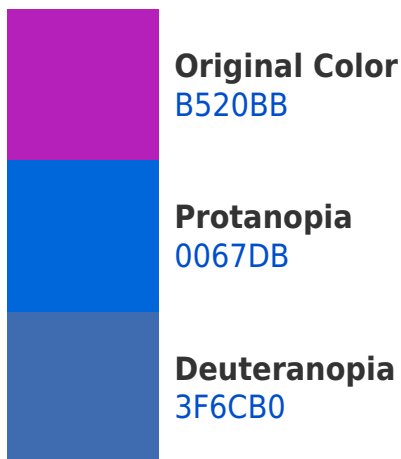


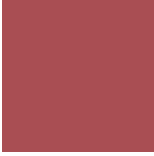
This preview shows how white text looks on a background with the Hex color B520BB.

# 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**  
A94E53

# Trichromacy



**Original Color**  
B520BB



**Protanomaly**  
424DCF



**Deuteranomaly**  
6A50B4



**Tritanomaly**  
AD3D79

# Monochromacy



**Original Color**  
B520BB



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
7E4780

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B520BB 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 #B520BB looks like.

```
.text, #text, p{  
  color:#B520BB  
}
```

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 #B520BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B520BB  
}
```

## Border

The CSS property to change the border of an element to Hex B520BB 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  
#B520BB }
```

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

```
.border{ border-color:#B520BB }
```

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

Here you see how a box with a 4 pixel #B520BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B520BB; -webkit-box-shadow:4px 4px  
4px 4px #B520BB; box-shadow:4px 4px 4px  
4px #B520BB }
```

# Background

The CSS property to change the background color of an element to Hex B520BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B520BB }
```

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

```
.background{ background-color:#B520BB }
```

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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