

Converting Colors

Hex(520BE2)

Have a look what the booklet for
Hex(520BE2) contains.

Hex(520BE2)	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(520BE2)

Conversions

Conversions Part 1

Format	Color
Hex	520BE2
RGB	82, 11, 226
RGB Percent	32%, 4%, 89%
CMY	0.6784, 0.9569, 0.1137
CMYK	0.64, 0.95, 0.00, 0.11
HSL	260°, 91%, 46%
HSV	260°, 95%, 89%
XYZ	17.3268, 7.5242, 72.4906
YIQ	56.7390, -26.6990, 81.9170

Conversions

Conversions Part 2

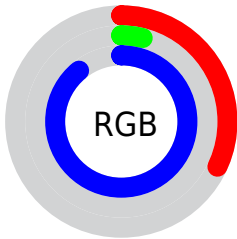
Format	Color
R_{YB}	82, 11, 226
Decimal	5376994
CIE _{Lab}	32.97, 72.42, -90.20
CIE _{LCh}	33, 115.679, 308.760
Yxy	7.5242, 0.1780, 0.0773
Android (android.graphics.Color)	4283567074 (0xFF520BE2)
YUV	56.7390, 83.4457, 22.1539
Hunter-Lab	27.4302, 64.7500, -137.4862

Details

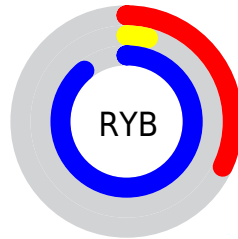
The Hex color **520BE2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **9BE20B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **954DFF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **4B00E2**, and if you desaturate by 10%, it is **6122E2**.

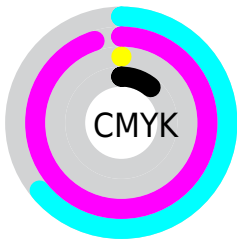
Distribution



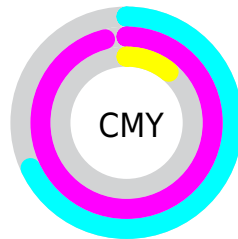
- Red (32%)
- Green (4%)
- Blue (89%)



- Red (32%)
- Yellow (4%)
- Blue (89%)



- Cyan (64%)
- Magenta (95%)
- Yellow (0%)
- Black (11%)






















- Cyan (68%)
- Magenta (96%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 520BE2 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 520BE2 by changing the saturation by 10% instead.

 520BE2	 520BE2
 FFFFFFFF	 2600C5
 954DFF	 0000A9
 B568FF	 00008D
 D484FF	 000073
 F4A0FF	 000D59
 FFBCFF	 000740
 FFD9FF	 000329
 FFF6FF	 000113
	 000000

■ 520BE2

■ 520BE2

■ 4B00E2

■ 6122E2

■ 7038E2

■ 7F4FE2

■ 8F65E2

■ 9E7CE2

■ AD93E2

■ BCA9E2

■ CBC0E2

■ DAD6E2

Harmonies

Analogous

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



0058FF



520BE2



C30092

Triad

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



520BE2



912900



006968

Complementary

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



520BE2



9BE20B

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.



006600



520BE2



475400

Square

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



520BE2



C50000



006200



006CC2

Rectangle

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



520BE2



DA0056



006200



006848

Sweetspot

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



520BE2



CDB5FF



0B9EE2



625380



000000



808080

Same Dimension

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



520BE2



5400FF



BB0BE2



696570



3A00B0



100030

Inverse Universe

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



E20B9B



FF00AB



32E20B



70656C



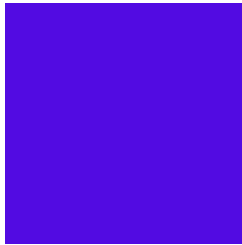
B00076



300020

Previews

White Background



This preview shows how the Hex color 520BE2 looks on a white background.

Color Contrast Check

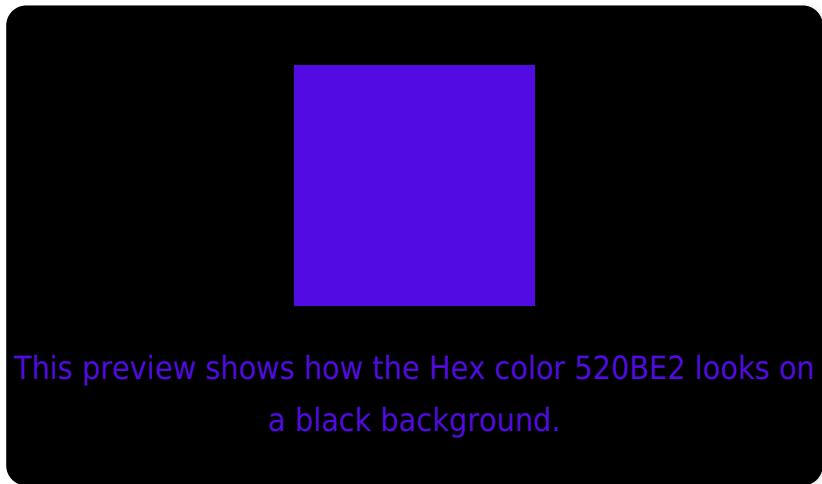
Large Text (above 18pt) WCAG AA ✓ Pass

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

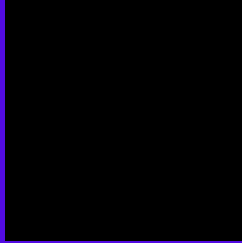
Any Text WCAG AA × Fail

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 520BE2 Background



This preview shows how black text looks on a background with the Hex color 520BE2.



This preview shows how white text looks on a background with the Hex color 520BE2.

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



Trichromacy



Original Color
520BE2



Protanomaly
1E34B7



Deuteranomaly
1E38A8



Tritanomaly
1E3B8D

Monochromacy



Original Color
520BE2



Achromatopsia
393939



Achromatomaly
422876

CSS Examples

Text

The CSS property to change the color of the text to Hex 520BE2 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 #520BE2 looks like.

```
.text, #text, p{  
    color:#520BE2  
}
```

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 #520BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520BE2 }
}
```

Border

The CSS property to change the border of an element to Hex 520BE2 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 #520BE2 }
}
```

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

```
.border{ border-color:#520BE2 }
```

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

Here you see how a box with a 4 pixel #520BE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520BE2; -webkit-box-shadow:4px 4px  
4px 4px #520BE2; box-shadow:4px 4px 4px  
4px #520BE2 }
```

Background

The CSS property to change the background color of an element to Hex 520BE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520BE2 }
```

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

```
.background{ background-color:#520BE2 }
```

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