

# Converting Colors

Hex(520AE7)

Have a look what the booklet for  
Hex(520AE7) contains.

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**Color**

**Hex(520AE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	520AE7
RGB	82, 10, 231
RGB Percent	32%, 4%, 91%
CMY	0.6784, 0.9608, 0.0941
CMYK	0.65, 0.96, 0.00, 0.09
HSL	260°, 92%, 47%
HSV	260°, 96%, 91%
XYZ	18.0120, 7.7804, 76.1537
YIQ	56.7220, -28.0290, 83.9950

# Conversions

## Conversions Part 2

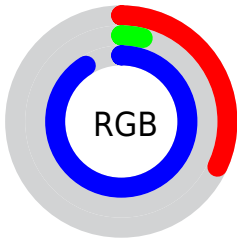
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 10, 231
Decimal	5376743
CIE Lab	33.52, 73.74, -92.15
CIE LCh	34, 118.022, 308.668
Yxy	7.7804, 0.1767, 0.0763
Android (android.graphics.Color)	4283566823 (0xFF520AE7)
YUV	56.7220, 85.9191, 22.1688
Hunter-Lab	27.8934, 66.4518, -142.3461

# Details

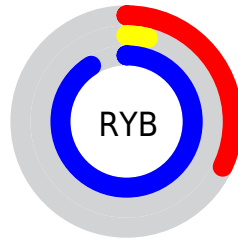
The Hex color **520AE7** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **9FE70A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **964DFF**, and **0000AE** is the 20% darker color. If you saturate the color by 10%, you get **4B00E7**, and if you desaturate by 10%, it is **6221E7**.

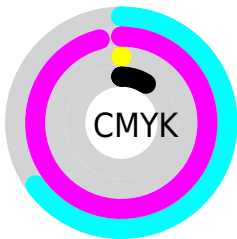
# Distribution



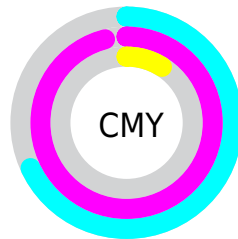
- Red (32%)
- Green (4%)
- Blue (91%)



- Red (32%)
- Yellow (4%)
- Blue (91%)



- Cyan (65%)
- Magenta (96%)
- Yellow (0%)
- Black (9%)



- Cyan (68%)
- Magenta (96%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 520AE7 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 520AE7 by changing the saturation by 10% instead.



 520AE7

 520AE7

FFFFFF

 2500CA

 964DFF

 0000AE

 B669FF

 000092

 D684FF

 000077

 F5A0FF

 000C5D

 FFBDFD

 000844

 FFD9FF

 00032D

 FFF7FF

 000118

 000000

■ 520AE7

■ 520AE7

■ 4B00E7

■ 6221E7

■ 7138E7

■ 814FE7

■ 9066E7

■ A07DE7

■ AF95E7

■ BFACE7

■ CFC3E7

■ DEDAE7

# Harmonies

## Analogous

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



005AFF



520AE7



C70095

# Triad

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



520AE7



942900



006A69

# Complementary

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



520AE7



9FE70A

# 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.



006800



520AE7



485500

# Square

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



520AE7



C90000



006300



006EC6

# Rectangle

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



520AE7



DE0058



006300



006A48



# Sweetspot

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



520AE7



CDB5FF



0AA1E7



615380



000000



808080



# Same Dimension

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



520AE7



5300FF



BE0AE7



6B6773



3A00B3



110033



# Inverse Universe

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



E70A9F



FF00AC



33E70A



73676F



B30078

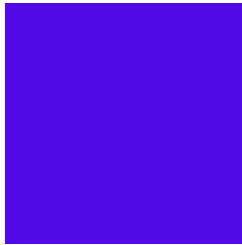


330022



# Previews

## White Background



This preview shows how the Hex color 520AE7 looks on a white background.

## Color Contrast Check

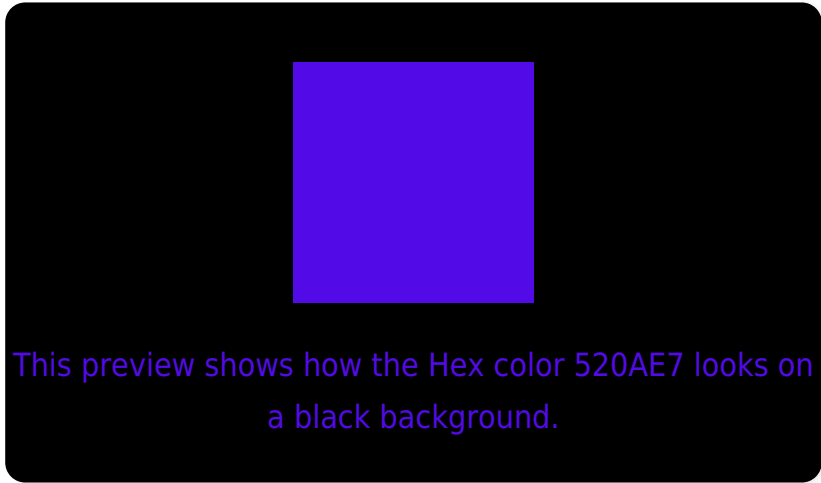
Large Text (above 18pt) WCAG AA ✓ Pass

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

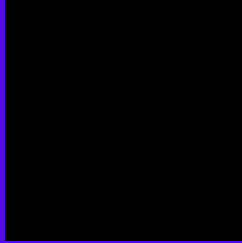
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 520AE7 Background



This preview shows how black text looks on a background with the Hex color 520AE7.



This preview shows how white text looks on a background with the Hex color 520AE7.

# 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



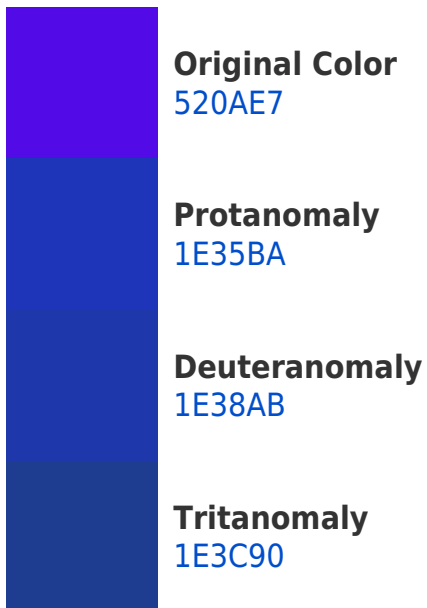
**Original Color**  
520AE7

**Protanopia**  
004DA1

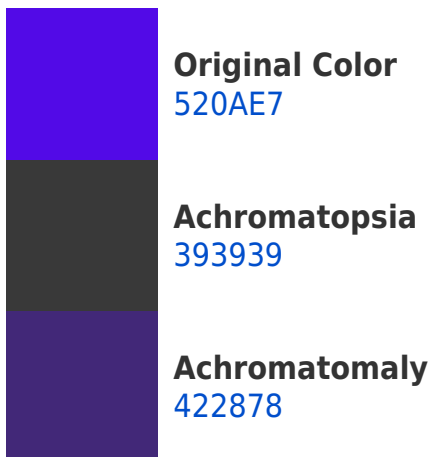
**Deuteranopia**  
005289



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 520AE7 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 #520AE7 looks like.

```
.text, #text, p{  
    color:#520AE7  
}
```

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 #520AE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520AE7
}
```

## Border

The CSS property to change the border of an element to Hex 520AE7 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
#520AE7 }
```

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

```
.border{ border-color:#520AE7 }
```

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

Here you see how a box with a 4 pixel #520AE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520AE7; -webkit-box-shadow:4px 4px  
4px 4px #520AE7; box-shadow:4px 4px 4px  
4px #520AE7 }
```

# Background

The CSS property to change the background color of an element to Hex 520AE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520AE7 }
```

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

```
.background{ background-color:#520AE7 }
```

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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