

Converting Colors

Hex(A520E8)

Have a look what the booklet for
Hex(A520E8) contains.

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Color

Hex(A520E8)

Conversions

Conversions Part 1

Format	Color
Hex	A520E8
RGB	165, 32, 232
RGB Percent	65%, 13%, 91%
CMY	0.3529, 0.8745, 0.0902
CMYK	0.29, 0.86, 0.00, 0.09
HSL	280°, 81%, 52%
HSV	280°, 86%, 91%
XYZ	30.5991, 14.8586, 77.5992
YIQ	94.5670, 15.0680, 90.3960

Conversions

Conversions Part 2

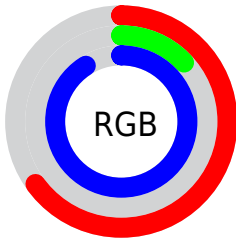
Format	Color
R_{YB}	165, 32, 232
Decimal	10821864
CIE _{Lab}	45.44, 77.86, -72.72
CIE _{LCh}	45, 106.533, 316.955
Yxy	14.8586, 0.2487, 0.1207
Android (android.graphics.Color)	4289011944 (0xFFA520E8)
YUV	94.5670, 67.7545, 61.7697
Hunter-Lab	38.5468, 74.2392, -92.3749

Details

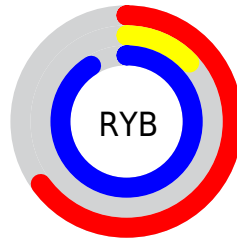
The Hex color **A520E8** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **63E820**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E162FF**, and **6900AF** is the 20% darker color. If you saturate the color by 10%, you get **9D09E8**, and if you desaturate by 10%, it is **AD37E8**.

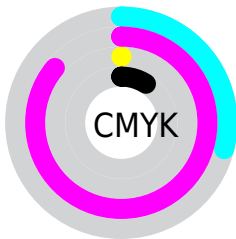
Distribution



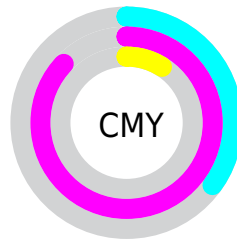
- Red (65%)
- Green (13%)
- Blue (91%)



- Red (65%)
- Yellow (13%)
- Blue (91%)



- Cyan (29%)
- Magenta (86%)
- Yellow (0%)
- Black (9%)



- Cyan (35%)
- Magenta (87%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A520E8 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 A520E8 by changing the saturation by 10% instead.

 A520E8

 A520E8

FFFFFF

 8700CB

 E162FF

 6900AF

 FF7FFF

 4B0094

 FF9CFF

 2A0079

 FFB9FF

 00005F

 FFD7FF

 000046

 FFF5FF

 00042F

 000119

 000000

 A520E8

 A520E8

 9D09E8

 AD37E8

 9A00E8

 B54EE8

 BC66E8

 C47DE8

 CC94E8

 D4ABE8

 DBC2E8

 E3DAE8

 EBF1E8

Harmonies

Analogous

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



0068FF



A520E8



EE0096

Triad

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



A520E8



A35A00



008C9E

Complementary

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



A520E8



63E820

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.



00893F



A520E8



537700

Square

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



A520E8



DC0000



008400



008CEF

Rectangle

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



A520E8



FC005C



008400



008B7F

Sweetspot

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



A520E8



E9BDFE



2066E8



725880



000000



808080

Same Dimension

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



A520E8



AA00FF



E820CA



6F6773



7700B3



220033

Inverse Universe

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



E82063



FF0055



20E83E



73676B



B3003C



330011

Previews

White Background



This preview shows how the Hex color A520E8 looks on a white background.

Color Contrast Check

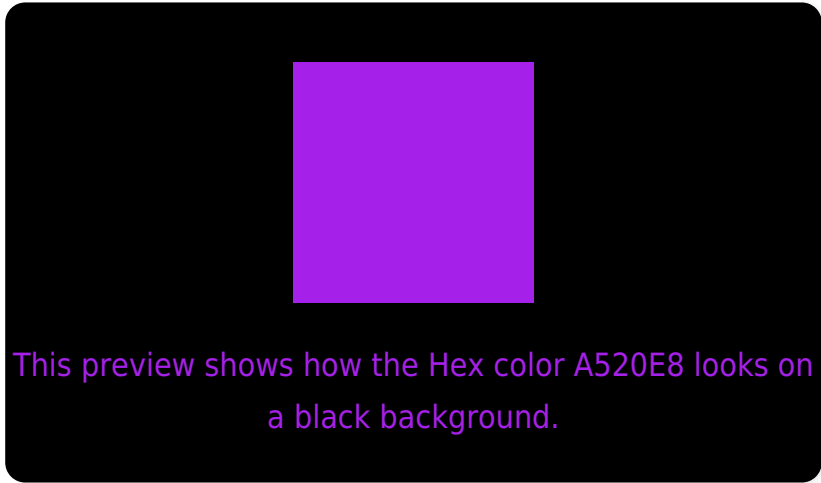
Large Text (above 18pt) WCAG AA ✓ Pass

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

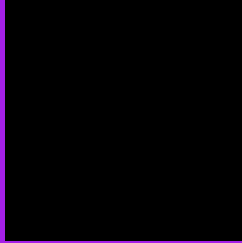
Any Text WCAG AA × Fail

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 A520E8 Background



This preview shows how black text looks on a background with the Hex color A520E8.

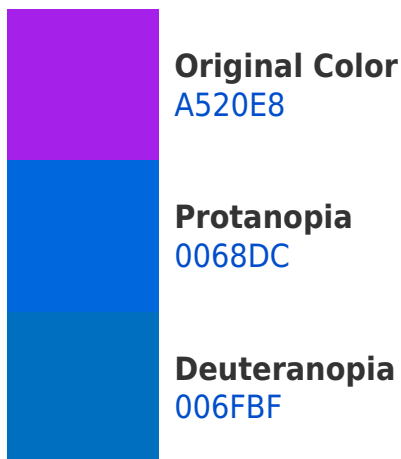


This preview shows how white text looks on a background with the Hex color A520E8.

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
8F5E65

Trichromacy



Original Color
A520E8



Protanomaly
3C4EE0



Deuteranomaly
3C52CE



Tritanomaly
974795

Monochromacy



Original Color
A520E8



Achromatopsia
5F5F5F



Achromatomaly
784891

CSS Examples

Text

The CSS property to change the color of the text to Hex A520E8 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 #A520E8 looks like.

```
.text, #text, p{  
    color:#A520E8  
}
```

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 #A520E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A520E8
}
```

Border

The CSS property to change the border of an element to Hex A520E8 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".

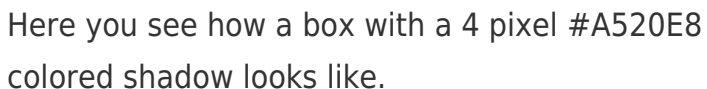
```
.border, #border, table{ border:4px solid
#A520E8 }
```

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

```
.border{ border-color:#A520E8 }
```

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

Here you see how a box with a 4 pixel #A520E8 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A520E8; -webkit-box-shadow:4px 4px  
4px 4px #A520E8; box-shadow:4px 4px 4px  
4px #A520E8 }
```

Background

The CSS property to change the background color of an element to Hex A520E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A520E8 }
```

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

```
.background{ background-color:#A520E8 }
```

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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