

Converting Colors

Hex(A020E2)

Have a look what the booklet for
Hex(A020E2) contains.

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Color

Hex(A020E2)

Conversions

Conversions Part 1

Format	Color
Hex	A020E2
RGB	160, 32, 226
RGB Percent	63%, 13%, 89%
CMY	0.3725, 0.8745, 0.1137
CMYK	0.29, 0.86, 0.00, 0.11
HSL	280°, 77%, 51%
HSV	280°, 86%, 89%
XYZ	28.7412, 13.9976, 73.1385
YIQ	92.3880, 14.0140, 87.4700

Conversions

Conversions Part 2

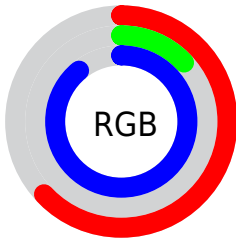
Format	Color
R _Y B	160, 32, 226
Decimal	10494178
CIE Lab	44.23, 75.99, -71.31
CIE LCh	44, 104.213, 316.820
Yxy	13.9976, 0.2480, 0.1208
Android (android.graphics.Color)	4288684258 (0xFFA020E2)
YUV	92.3880, 65.8707, 59.2957
Hunter-Lab	37.4134, 71.6515, -89.7153

Details

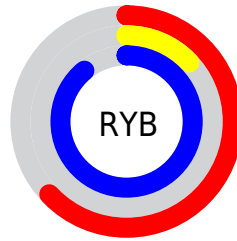
The Hex color **A020E2** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **62E220**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **DC61FF**, and **6500A9** is the 20% darker color. If you saturate the color by 10%, you get **9809E2**, and if you desaturate by 10%, it is **A837E2**.

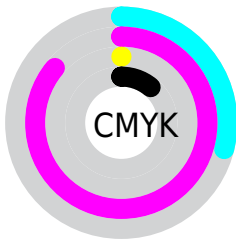
Distribution



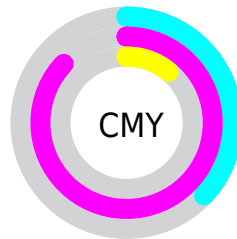
- Red (63%)
- Green (13%)
- Blue (89%)



- Red (63%)
- Yellow (13%)
- Blue (89%)



- Cyan (29%)
- Magenta (86%)
- Yellow (0%)
- Black (11%)



- Cyan (37%)
- Magenta (87%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A020E2 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 A020E2 by changing the saturation by 10% instead.

 A020E2

 A020E2

FFFFFF

 8200C5

 DC61FF

 6500A9

 FA7EFF

 46008E

 FF9BFF

 250074

 FFB8FF

 00005A

 FFD5FF

 000141

 FFF3FF

 00032A

 000114

 000000

 A020E2

 A020E2

 9809E2

 A837E2

 9500E2

 AF4DE2

 B764E2

 BF7AE2

 C691E2

 CEA8E2

 D6BEE2

 DED5E2

 E5EBE2

Harmonies

Analogous

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



0065FF



A020E2



E80093

Triad

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



A020E2



9F5700



008899

Complementary

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



A020E2



62E220

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.



00853D



A020E2



517400

Square

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



A020E2



D70000



008000



0088E9

Rectangle

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



A020E2



F5005A



008000



00877B

Sweetspot

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



A020E2



E8BDFE



2064E2



725880



000000



808080

Same Dimension

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



A020E2



A800FF



E220C5



6C6570



7400B0



200030

Inverse Universe

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



E22062



FF0057



20E23D



706569



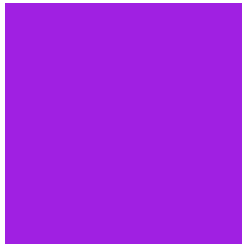
B0003C



300010

Previews

White Background



This preview shows how the Hex color A020E2 looks on a white background.

Color Contrast Check

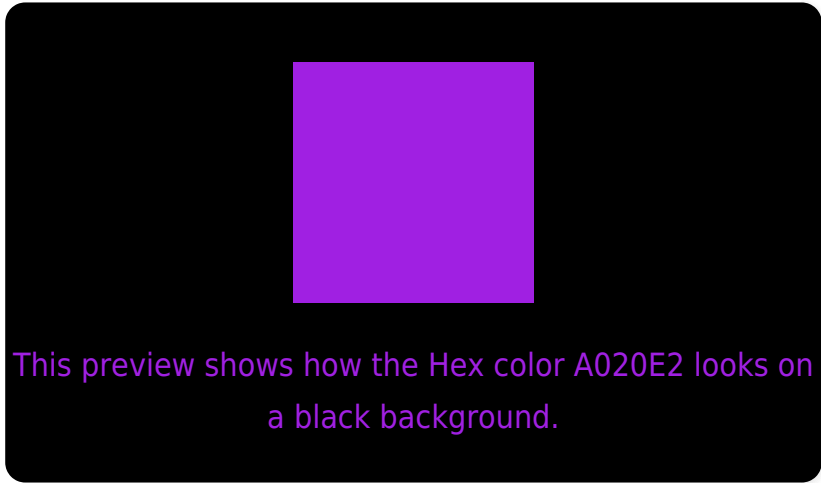
Large Text (above 18pt) WCAG AA ✓ Pass

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

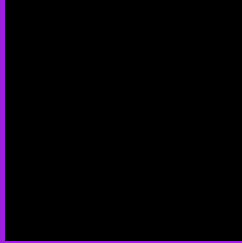
Any Text WCAG AA × Fail

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 A020E2 Background



This preview shows how black text looks on a background with the Hex color A020E2.

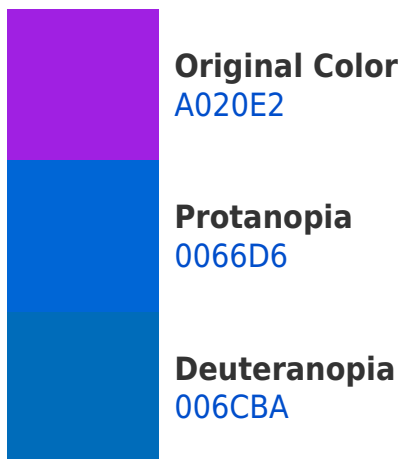



This preview shows how white text looks on a background with the Hex color A020E2.

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
8A5C63

Trichromacy



Original Color
A020E2



Protanomaly
3A4DDA



Deuteranomaly
3A50C9



Tritanomaly
924691

Monochromacy



Original Color
A020E2



Achromatopsia
5C5C5C



Achromatomaly
75468D

CSS Examples

Text

The CSS property to change the color of the text to Hex A020E2 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 #A020E2 looks like.

```
.text, #text, p{  
    color:#A020E2  
}
```

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 #A020E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A020E2
}
```

Border

The CSS property to change the border of an element to Hex A020E2 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
#A020E2 }
```

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

```
.border{ border-color:#A020E2 }
```

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

Here you see how a box with a 4 pixel #A020E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A020E2; -webkit-box-shadow:4px 4px  
4px 4px #A020E2; box-shadow:4px 4px 4px  
4px #A020E2 }
```

Background

The CSS property to change the background color of an element to Hex A020E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A020E2 }
```

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

```
.background{ background-color:#A020E2 }
```

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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