

Converting Colors

Hex(A8FF20)

Have a look what the booklet for
Hex(A8FF20) contains.

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Color

Hex(A8FF20)

Conversions

Conversions Part 1

Format	Color
Hex	A8FF20
RGB	168, 255, 32
RGB Percent	66%, 100%, 13%
CMY	0.3412, 0.0000, 0.8745
CMYK	0.34, 0.00, 0.87, 0.00
HSL	83°, 100%, 56%
HSV	83°, 87%, 100%
XYZ	52.1692, 79.9491, 14.0486
YIQ	203.5650, 19.7310, -87.7970

Conversions

Conversions Part 2

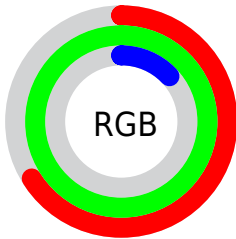
Format	Color
RYB	32, 255, 119
Decimal	11075360
CIELab	91.66, -54.68, 84.56
CIELCh	92, 100.700, 122.887
Yxy	79.9491, 0.3569, 0.5470
Android (android.graphics.Color)	4289265440 (0xFFA8FF20)
YUV	203.5650, -84.5815, -31.1905
Hunter-Lab	89.4143, -52.3283, 53.2744

Details

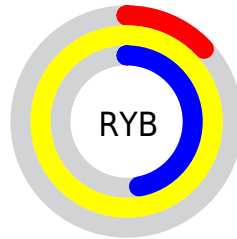
The Hex color **A8FF20** is a light color, and the websafe version is hex **99FF00**. The color can be described as light washed chartreuse. A complement of this color would be **7720FF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E5FF68**, and **6BC600** is the 20% darker color. If you saturate the color by 10%, you get **9EFF07**, and if you desaturate by 10%, it is **B2FF39**.

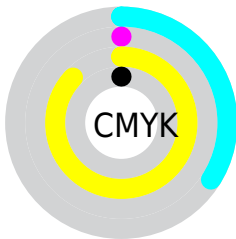
Distribution



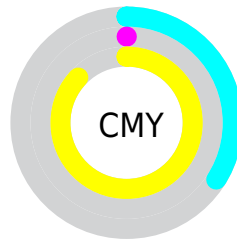
- Red (66%)
- Green (100%)
- Blue (13%)



- Red (13%)
- Yellow (100%)
- Blue (47%)



- Cyan (34%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8FF20 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 A8FF20 by changing the saturation by 10% instead.

 A8FF20

 A8FF20

FFFFFF

 8AE200

 E5FF68

 6BC600

 FFFF86

 4CAA00

 FFFFA4

 288F00

 FFFF8C

 007500

 FFFFDF

 005B00

FFFFFFE

 004200

 002C00

 000B00

 A8FF20

 A8FF20

 9EFF07

 B2FF39

 9CFF00

 BCFF53

 C6FF6C

 D0FF86

 DAFFA0

 E4FFB9

 EEFFD3

 F8FFEC

FFFFFF

Harmonies

Analogous

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



FFE600



A8FF20



00FF89

Triad

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



A8FF20



00FFFF



FF7DE2

Complementary

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



A8FF20



7720FF

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.



FF99FF



A8FF20



00F0FF

Square

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



A8FF20



00FFFF



F0C9FF



FF9484

Rectangle

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



A8FF20



00FFCC



F0C9FF



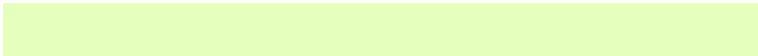
FF82FF

Sweetspot

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



A8FF20



E5FFBD



FF7520



708058



000000



808080

Same Dimension

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



A8FF20



9CFF00



3AFF20



7B8073



75BF00



274000

Inverse Universe

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



7720FF



6300FF



E520FF



787380



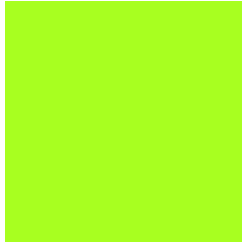
4B00BF



190040

Previews

White Background



This preview shows how the Hex color A8FF20 looks on a white background.

Color Contrast Check

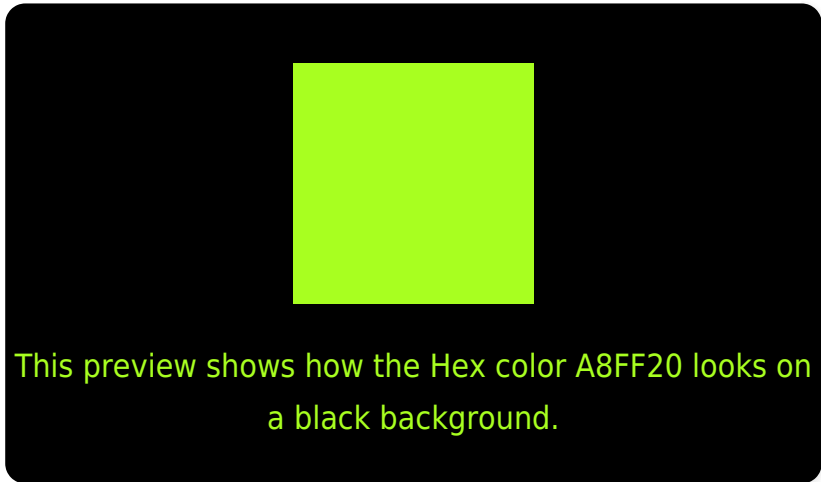
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex A8FF20 Background



This preview shows how black text looks on a background with the Hex color A8FF20.

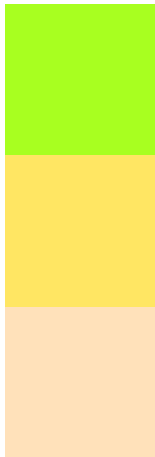


This preview shows how white text looks on a background with the Hex color A8FF20.

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](#).

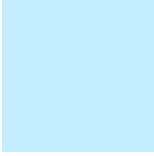
Dichromacy



Original Color
A8FF20

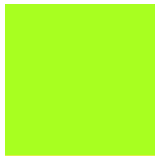
Protanopia
FFE663

Deuteranopia
FFE1BA

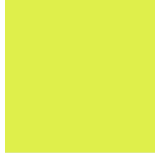


Tritanopia
C4EDFF

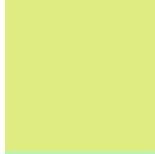
Trichromacy



Original Color
A8FF20



Protanomaly
DFEF4B

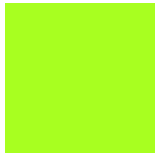


Deuteranomaly
DFEC82

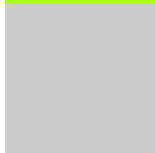


Tritanomaly
BAF4AE

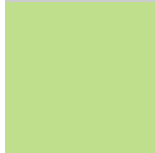
Monochromacy



Original Color
A8FF20



Achromatopsia
CCCCCC



Achromatomaly
BFDF8D

CSS Examples

Text

The CSS property to change the color of the text to Hex A8FF20 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 #A8FF20 looks like.

```
.text, #text, p{  
    color:#A8FF20  
}
```

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 #A8FF20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8FF20
}
```

Border

The CSS property to change the border of an element to Hex A8FF20 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
#A8FF20 }
```

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

```
.border{ border-color:#A8FF20 }
```

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

Here you see how a box with a 4 pixel #A8FF20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8FF20; -webkit-box-shadow:4px 4px  
4px 4px #A8FF20; box-shadow:4px 4px 4px  
4px #A8FF20 }
```

Background

The CSS property to change the background color of an element to Hex A8FF20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8FF20 }
```

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

```
.background{ background-color:#A8FF20 }
```

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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