

Converting Colors

Hex(ACFF20)

Have a look what the booklet for
Hex(ACFF20) contains.

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Color

Hex(ACFF20)

Conversions

Conversions Part 1

Format	Color
Hex	ACFF20
RGB	172, 255, 32
RGB Percent	67%, 100%, 13%
CMY	0.3255, 0.0000, 0.8745
CMYK	0.33, 0.00, 0.87, 0.00
HSL	82°, 100%, 56%
HSV	82°, 87%, 100%
XYZ	53.0340, 80.3949, 14.0891
YIQ	204.7610, 22.1150, -86.9490

Conversions

Conversions Part 2

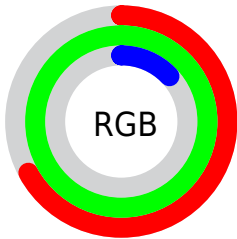
Format	Color
R_{YB}	32, 255, 115
Decimal	11337504
CIE _{Lab}	91.86, -53.29, 84.81
CIE _{LCh}	92, 100.162, 122.143
Yxy	80.3949, 0.3595, 0.5450
Android (android.graphics.Color)	4289527584 (0xFFACFF20)
YUV	204.7610, -85.1712, -28.7314
Hunter-Lab	89.6632, -51.3315, 53.4478

Details

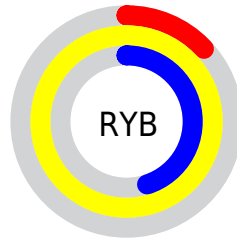
The Hex color **ACFF20** is a light color, and the websafe version is hex **99FF00**. The color can be described as light washed chartreuse. A complement of this color would be **7320FF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E9FF68**, and **70C600** is the 20% darker color. If you saturate the color by 10%, you get **A3FF07**, and if you desaturate by 10%, it is **B5FF39**.

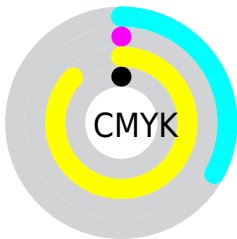
Distribution



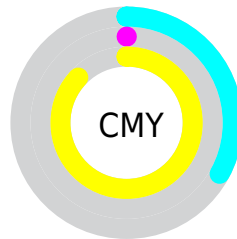
- Red (67%)
- Green (100%)
- Blue (13%)



- Red (13%)
- Yellow (100%)
- Blue (45%)



- Cyan (33%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACFF20 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 ACFF20 by changing the saturation by 10% instead.

 ACFF20

 ACFF20

FFFFFF

 8EE200

 E9FF68

 70C600

 FFFF86

 51AA00

 FFFFA4

 2F8F00

 FFFF8C

 007500

 FFFFDF

 005B00

FFFFFFE

 004300

 002D00

 000D00

ACFF20

ACFF20

A3FF07

B5FF39

A0FF00

BFFF53

C8FF6C

D2FF86

DBFFA0

E5FFB9

EEFFD3

F8FFEC

FFFFFF

Harmonies

Analogous

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



FFE600



ACFF20



00FF88

Triad

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



ACFF20



00FFFF



FF7FE5

Complementary

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



ACFF20



7320FF

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.



FF9CFF



ACFF20



00F1FF

Square

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



ACFF20



00FFFF



EDCBFF



FF9487

Rectangle

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



ACFF20



00FFCA



EDCBFF



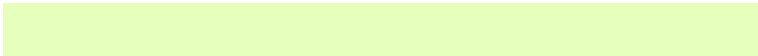
FF84FF

Sweetspot

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



ACFF20



E6FFBD



FF7220



718058



000000



808080

Same Dimension

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



ACFF20



A0FF00



3EFF20



7B8073



78BF00



284000

Inverse Universe

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



7320FF



5F00FF



E120FF



777380



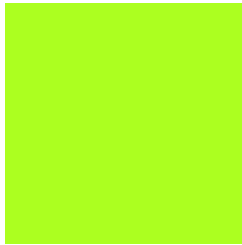
4700BF



180040

Previews

White Background



This preview shows how the Hex color ACFF20 looks on a white background.

Color Contrast Check

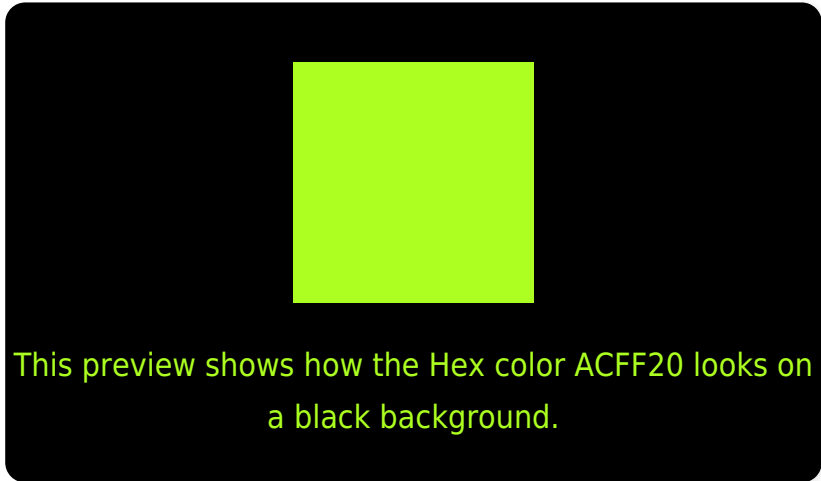
Large Text (above 18pt) WCAG AA × Fail

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

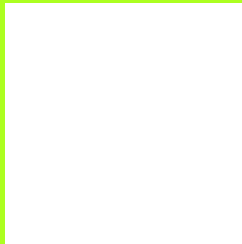
Any Text WCAG AAA ✓ Pass

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

Hex ACFF20 Background



This preview shows how black text looks on a background with the Hex color ACFF20.

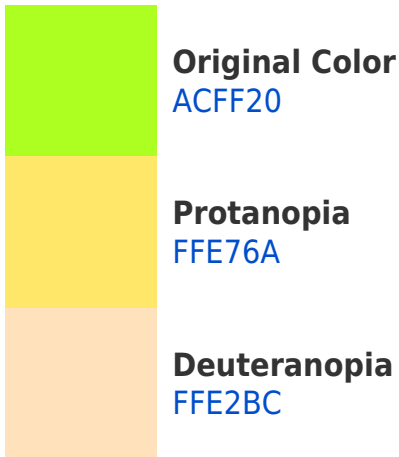


This preview shows how white text looks on a background with the Hex color ACFF20.

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](#).

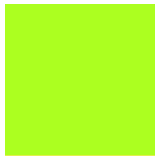
Dichromacy



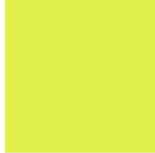


Tritanopia
C7EDFF

Trichromacy



Original Color
ACFF20



Protanomaly
E1F04F



Deuteranomaly
E1ED83

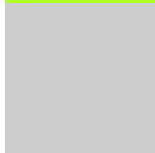


Tritanomaly
BDF4AE

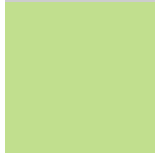
Monochromacy



Original Color
ACFF20



Achromatopsia
CDCDCD



Achromatomaly
C1DF8E

CSS Examples

Text

The CSS property to change the color of the text to Hex ACFF20 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 #ACFF20 looks like.

```
.text, #text, p{  
    color:#ACFF20  
}
```

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 #ACFF20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACFF20
}
```

Border

The CSS property to change the border of an element to Hex ACFF20 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
#ACFF20 }
```

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

```
.border{ border-color:#ACFF20 }
```

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

Here you see how a box with a 4 pixel #ACFF20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACFF20; -webkit-box-shadow:4px 4px  
4px 4px #ACFF20; box-shadow:4px 4px 4px  
4px #ACFF20 }
```

Background

The CSS property to change the background color of an element to Hex ACFF20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACFF20 }
```

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

```
.background{ background-color:#ACFF20 }
```

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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