

Converting Colors

Hex(A9DC20)

Have a look what the booklet for
Hex(A9DC20) contains.

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Color

Hex(A9DC20)

Conversions

Conversions Part 1

Format	Color
Hex	A9DC20
RGB	169, 220, 32
RGB Percent	66%, 86%, 13%
CMY	0.3373, 0.1373, 0.8745
CMYK	0.23, 0.00, 0.85, 0.14
HSL	76°, 75%, 49%
HSV	76°, 85%, 86%
XYZ	42.2161, 59.7257, 10.6697
YIQ	183.3190, 29.9520, -69.2800

Conversions

Conversions Part 2

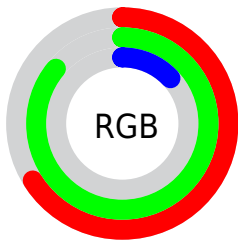
Format	Color
RYB	32, 220, 83
Decimal	11131936
CIELab	81.69, -39.58, 76.22
CIELCh	82, 85.888, 117.443
Yxy	59.7257, 0.3749, 0.5304
Android (android.graphics.Color)	4289322016 (0xFFA9DC20)
YUV	183.3190, -74.6003, -12.5578
Hunter-Lab	77.2824, -37.7372, 45.9120

Details

The Hex color **A9DC20** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **5320DC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E4FF62**, and **6FA500** is the 20% darker color. If you saturate the color by 10%, you get **A3DC0A**, and if you desaturate by 10%, it is **AFDC36**.

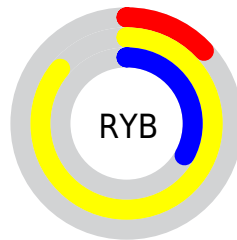
Distribution



Red (66%)

Green (86%)

Blue (13%)



Red (13%)

Yellow (86%)

Blue (33%)

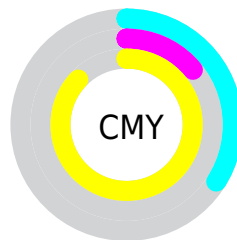


Cyan (23%)

Magenta (0%)

Yellow (85%)

Black (14%)



Cyan (34%)

Magenta (14%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A9DC20 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 A9DC20 by changing the saturation by 10% instead.

 A9DC20

 A9DC20

FFFFFF

 8CC000

 E4FF62

 6FA500

 FFFF7F

 528A00


 FFFF9C

 357000

 FFFFB9

 125800

 FFFFD7

 004000

 FFFFF4

 002A00

 000B00

 000000

 A9DC20

 A9DC20

 A3DC0A

 AFDC36

 A0DC00

 B5DC4C

 BBDC62

 C1DC78

 C7DC8E

 CDDCA4

 D3DCBA

 D9DCD0

 DFDCE6

Harmonies

Analogous

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



F7C500



A9DC20



09E96F

Triad

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



A9DC20



00E9FF



FF79D5

Complementary

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



A9DC20



5320DC

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.



FF93FF



A9DC20



00D7FF

Square

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



A9DC20



00F0FF



BBB9FF



FF8386

Rectangle

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



A9DC20



00EEA5



BBB9FF



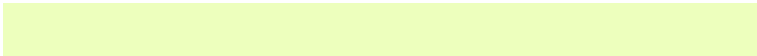
FF7EF0

Sweetspot

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



A9DC20



EDFFBD



DC5220



758058



000000



808080

Same Dimension

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



A9DC20



BAFF00



4CDC20



6B6E63



7EAD00



212E00

Inverse Universe

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



5320DC



4500FF



B020DC



66636E



2F00AD



0C002E

Previews

White Background



This preview shows how the Hex color A9DC20 looks on a white background.

Color Contrast Check

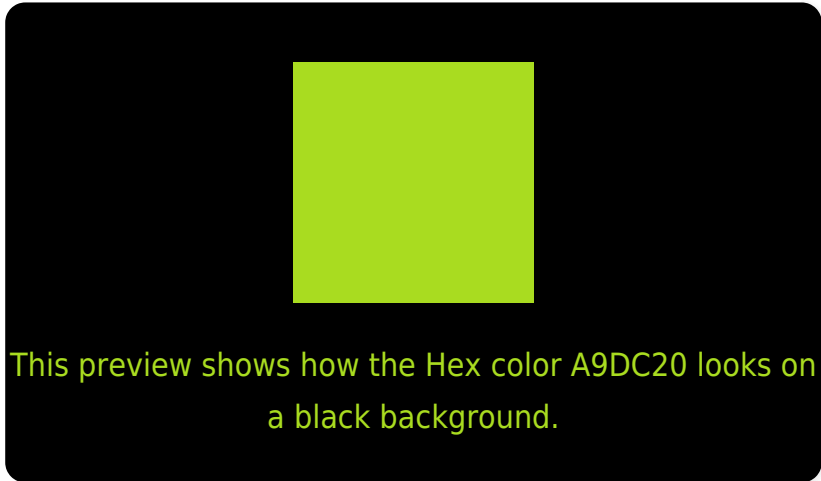
Large Text (above 18pt) WCAG AA × Fail

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 A9DC20 Background



This preview shows how black text looks on a background with the Hex color A9DC20.



This preview shows how white text looks on a background with the Hex color A9DC20.

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
A9DC20

Protanopia
E4CB1B

Deuteranopia
FEC032

Trichromacy



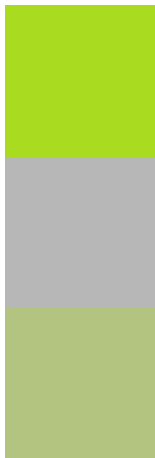
Original Color
A9DC20

Protanomaly
CFD11D

Deuteranomaly
DFCA2B

Tritanomaly
B5D298

Monochromacy



Original Color
A9DC20

Achromatopsia
B7B7B7

Achromatomaly
B2C480

CSS Examples

Text

The CSS property to change the color of the text to Hex A9DC20 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 #A9DC20 looks like.

```
.text, #text, p{  
    color:#A9DC20  
}
```

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 #A9DC20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9DC20
}
```

Border

The CSS property to change the border of an element to Hex A9DC20 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
#A9DC20 }
```

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

```
.border{ border-color:#A9DC20 }
```

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

Here you see how a box with a 4 pixel #A9DC20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9DC20; -webkit-box-shadow:4px 4px  
4px 4px #A9DC20; box-shadow:4px 4px 4px  
4px #A9DC20 }
```

Background

The CSS property to change the background color of an element to Hex A9DC20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9DC20 }
```

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

```
.background{ background-color:#A9DC20 }
```

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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