

Converting Colors

Hex(AA9020)

Have a look what the booklet for
Hex(AA9020) contains.

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Color

Hex(AA9020)

Conversions

Conversions Part 1

Format	Color
Hex	AA9020
RGB	170, 144, 32
RGB Percent	67%, 56%, 13%
CMY	0.3333, 0.4353, 0.8745
CMYK	0.00, 0.15, 0.81, 0.33
HSL	49°, 68%, 40%
HSV	49°, 81%, 67%
XYZ	26.8115, 28.5968, 5.4731
YIQ	139.0060, 51.4480, -29.3200

Conversions

Conversions Part 2

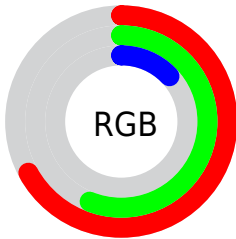
Format	Color
RYB	64, 170, 32
Decimal	11178016
CIELab	60.42, -1.50, 57.95
CIELCh	60, 57.974, 91.480
Yxy	28.5968, 0.4404, 0.4697
Android (android.graphics.Color)	4289368096 (0xFFAA9020)
YUV	139.0060, -52.7540, 27.1817
Hunter-Lab	53.4760, -4.0876, 31.3650

Details

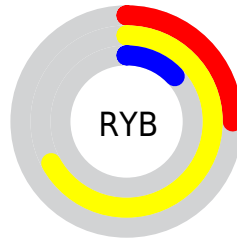
The Hex color **AA9020** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **203AAA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E5C557**, and **725E00** is the 20% darker color. If you saturate the color by 10%, you get **AA8D0F**, and if you desaturate by 10%, it is **AA9331**.

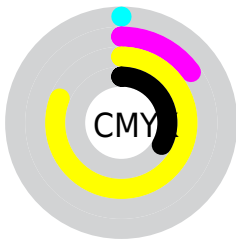
Distribution



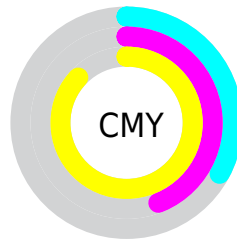
- Red (67%)
- Green (56%)
- Blue (13%)



- Red (25%)
- Yellow (67%)
- Blue (13%)



- Cyan (0%)
- Magenta (15%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA9020 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 AA9020 by changing the saturation by 10% instead.

■ AA9020

■ AA9020

FFFFFF

■ 8D7700

■ E5C557

■ 725E00

■ FFE172

■ 574700

■ FFFE8D

■ 3C3100

■ FFFFA8

■ 231C00

■ FFFFC4

■ 000300

■ FFFFE1

■ 000000

FFFFFFE

■ AA9020

■ AA9020

■ AA8D0F

■ AA9331

■ AA8A00

■ AA9642

■ AA9A53

■ AA9D64

■ AAA075

■ AAA386

■ AAA697

■ AAAAA8

■ AAADB9

Harmonies

Analogous

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



D27D36



AA9020



769E33

Triad

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



AA9020



00A9C6



D26DC3

Complementary

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



AA9020



203AAA

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.



9683E9



AA9020



00A3EB

Square

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



AA9020



00AA93



0097F8



EC6191

Rectangle

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



AA9020



49A44F



0097F8



C274D2

Sweetspot

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



AA9020



DED4A9



AA203C



706A50



F0F0F0



707070

Same Dimension

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



AA9020



DEB507



81AA20



54534C



947800



141100

Inverse Universe

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



203AAA



072FDE



4920AA



4C4D54



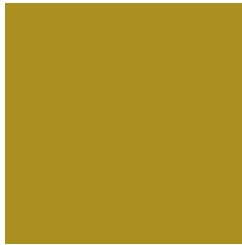
001C94



000414

Previews

White Background



This preview shows how the Hex color AA9020 looks on a white background.

Color Contrast Check

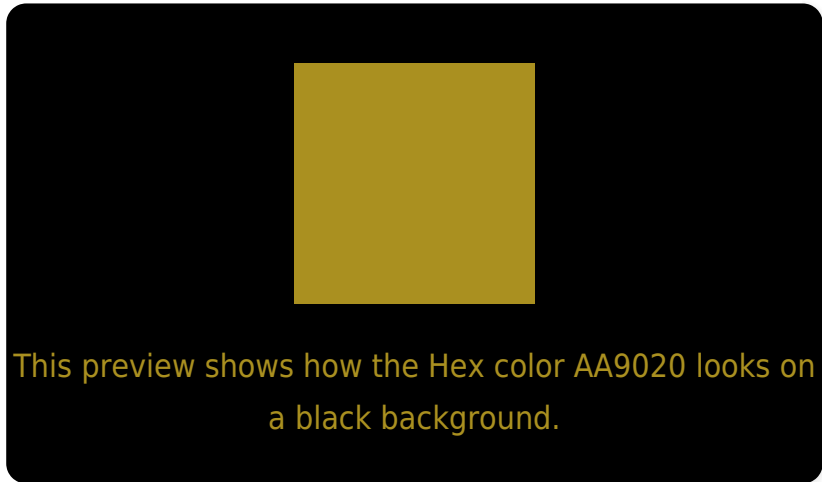
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex AA9020 Background



This preview shows how black text looks on a background with the Hex color AA9020.



This preview shows how white text looks on a background with the Hex color AA9020.

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
AA9020

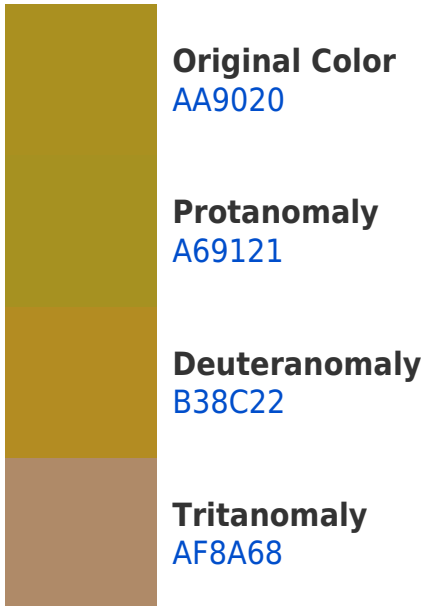
Protanopia
A49221

Deuteranopia
B88A23

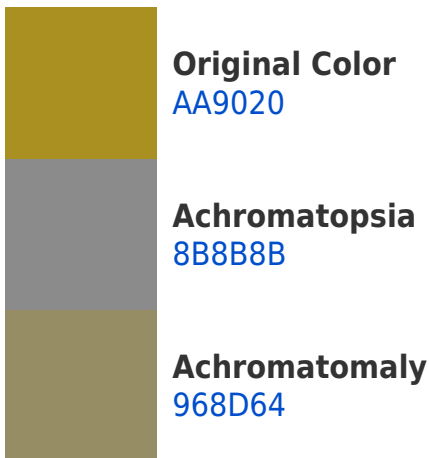


Tritanopia
B28691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA9020 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 #AA9020 looks like.

```
.text, #text, p{  
    color:#AA9020  
}
```

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 #AA9020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9020
}
```

Border

The CSS property to change the border of an element to Hex AA9020 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
#AA9020 }
```

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

```
.border{ border-color:#AA9020 }
```

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

Here you see how a box with a 4 pixel #AA9020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9020; -webkit-box-shadow:4px 4px  
4px 4px #AA9020; box-shadow:4px 4px 4px  
4px #AA9020 }
```

Background

The CSS property to change the background color of an element to Hex AA9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9020 }
```

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

```
.background{ background-color:#AA9020 }
```

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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