

Converting Colors

Hex(9A7220)

Have a look what the booklet for
Hex(9A7220) contains.

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Color

Hex(9A7220)

Conversions

Conversions Part 1

Format	Color
Hex	9A7220
RGB	154, 114, 32
RGB Percent	60%, 45%, 13%
CMY	0.3961, 0.5529, 0.8745
CMYK	0.00, 0.26, 0.79, 0.40
HSL	40°, 66%, 36%
HSV	40°, 79%, 60%
XYZ	19.6045, 19.0089, 4.0023
YIQ	116.6120, 50.1620, -17.0220

Conversions

Conversions Part 2

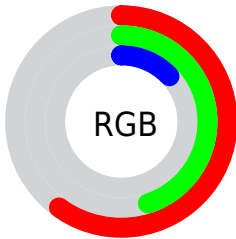
Format	Color
R_{YB}	92, 154, 32
Decimal	10121760
CIE Lab	50.70, 7.93, 48.50
CIE LCh	51, 49.141, 80.712
Yxy	19.0089, 0.4600, 0.4461
Android (android.graphics.Color)	4288311840 (0xFF9A7220)
YUV	116.6120, -41.7137, 32.7893
Hunter-Lab	43.5992, 3.9641, 25.0768

Details

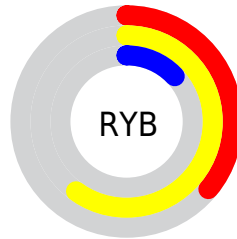
The Hex color **9A7220** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **20489A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D4A653**, and **634200** is the 20% darker color. If you saturate the color by 10%, you get **9A6D11**, and if you desaturate by 10%, it is **9A772F**.

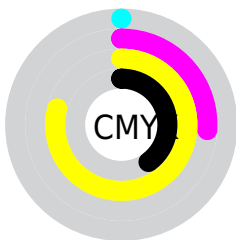
Distribution



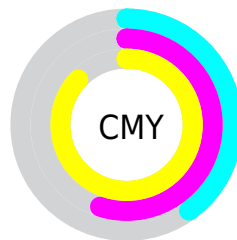
- Red (60%)
- Green (45%)
- Blue (13%)



- Red (36%)
- Yellow (60%)
- Blue (13%)



- Cyan (0%)
- Magenta (26%)
- Yellow (79%)
- Black (40%)



- Cyan (40%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A7220 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 9A7220 by changing the saturation by 10% instead.

 9A7220

 9A7220

FFFFFF

 7E5A01

 D4A653

 634200

 F2C16D

 482C00

 FFDD87

 2E1800

 FFF9A2

 150000

 FFFFBE

 000000

 FFFFDA

 FFFFF7

 9A7220

 9A7220

■ 9A6D11

■ 9A772F

■ 9A6801

■ 9A7C3F

■ 9A6800

■ 9A814E

■ 9A865E

■ 9A8B6D

■ 9A907C

■ 9A958C

■ 9A9A9B

■ 9A9FAB

Harmonies

Analogous

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



B76239



9A7220



737F23

Triad

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



9A7220



008D95



9F61AE

Complementary

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



9A7220



20489A

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.



6273C7



9A7220



008AB9

Square

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



9A7220



008C6A



0081CB



BE5488

Rectangle

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



9A7220



538535



0081CB



8E67B9

Sweetspot

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



9A7220



C9BA99



9A2049



665C48



E6E6E6



666666

Same Dimension

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



9A7220



C98B0A



869A20



4D4A45



8C5E00



0D0900

Inverse Universe

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



20489A



0A49C9



34209A



45474D



002E8C



00040D

Previews

White Background



This preview shows how the Hex color 9A7220 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 9A7220 Background



This preview shows how black text looks on a background with the Hex color 9A7220.



This preview shows how white text looks on a background with the Hex color 9A7220.

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
9A7220

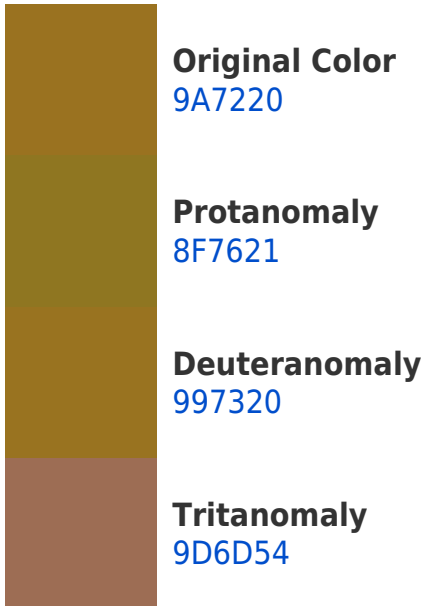
Protanopia
887922

Deuteranopia
987320

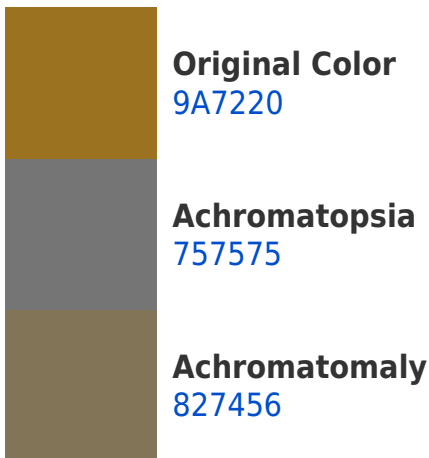


Tritanopia
9F6A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A7220 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 #9A7220 looks like.

```
.text, #text, p{  
    color:#9A7220  
}
```

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 #9A7220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7220
}
```

Border

The CSS property to change the border of an element to Hex 9A7220 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
#9A7220 }
```

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

```
.border{ border-color:#9A7220 }
```

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

Here you see how a box with a 4 pixel #9A7220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7220; -webkit-box-shadow:4px 4px  
4px 4px #9A7220; box-shadow:4px 4px 4px  
4px #9A7220 }
```

Background

The CSS property to change the background color of an element to Hex 9A7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7220 }
```

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

```
.background{ background-color:#9A7220 }
```

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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