

Converting Colors

Hex(9B8F20)

Have a look what the booklet for
Hex(9B8F20) contains.

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Color

Hex(9B8F20)

Conversions

Conversions Part 1	
Format	Color
Hex	9B8F20
RGB	155, 143, 32
RGB Percent	61%, 56%, 13%
CMY	0.3922, 0.4392, 0.8745
CMYK	0.00, 0.08, 0.79, 0.39
HSL	54°, 66%, 37%
HSV	54°, 79%, 61%
XYZ	23.6007, 26.7178, 5.2797
YIQ	133.9340, 42.7830, -31.9770

Conversions

Conversions Part 2

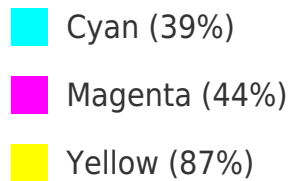
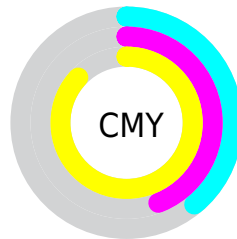
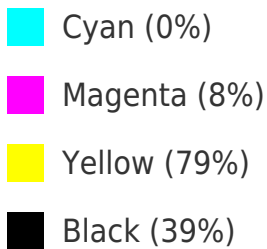
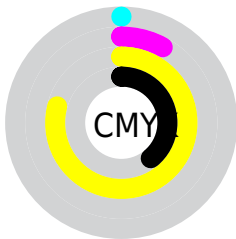
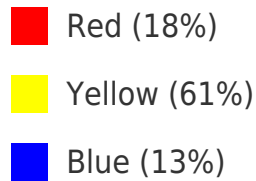
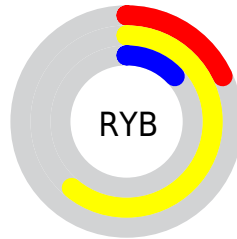
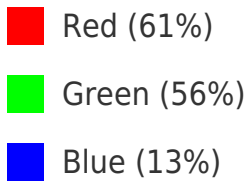
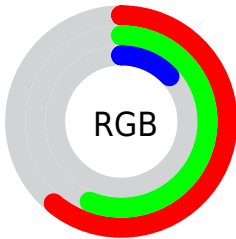
Format	Color
RYB	45, 155, 32
Decimal	10194720
CIELab	58.71, -7.77, 55.88
CIELCh	59, 56.420, 97.914
Yxy	26.7178, 0.4245, 0.4806
Android (android.graphics.Color)	4288384800 (0xFF9B8F20)
YUV	133.9340, -50.2535, 18.4749
Hunter-Lab	51.6892, -8.9550, 30.1265

Details

The Hex color **9B8F20** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **202C9B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D4C457**, and **645D00** is the 20% darker color. If you saturate the color by 10%, you get **9B8D10**, and if you desaturate by 10%, it is **9B912F**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 9B8F20 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 9B8F20 by changing the saturation by 10% instead.



9B8F20



9B8F20

FFFFFF



7F7600



D4C457



645D00



F2E071



4A4600



FFFD8C



303000



FFFA8



171B00



FFFC4



000000



FFFFE0



FFFFFD



9B8F20



9B8F20

 9B8D10

 9B912F

 9B8C01

 9B923F

 9B8C00

 9B944E

 9B955E

 9B976E

 9B987D

 9B9A8C

 9B9B9C

 9B9DAB

Harmonies

Analogous

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



C57D2E



9B8F20



669B3A

Triad

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



9B8F20



00A3C9



D366B3

Complementary

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



9B8F20



202C9B

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.



A17ADC



9B8F20



009CE9

Square

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



9B8F20



00A599



3C8EEF



E75F82

Rectangle

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



9B8F20



32A156



3C8EEF



C66CC3

Sweetspot

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



9B8F20



C9C599



9B202C



666348



E6E6E6



666666

Same Dimension

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



9B8F20



C9B70A



6A9B20



4D4C45



8C7F00



0D0C00

Inverse Universe

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



202C9B



0A1DC9



51209B



45464D



000E8C



00010D

Previews

White Background



This preview shows how the Hex color 9B8F20 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



This preview shows how the Hex color 9B8F20 looks on a 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 9B8F20 Background



This preview shows how black text looks on a background with the Hex color 9B8F20.



This preview shows how white text looks on a background with the Hex color 9B8F20.

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

9B8F20

Protanopia

9F8E20





Deuteranopia

B28624






Tritanopia
A38590

Trichromacy

	Original Color 9B8F20
	Protanomaly 9E8E20
	Deuteranomaly AA8923
	Tritanomaly A08967

Monochromacy

	Original Color 9B8F20
	Achromatopsia 868686
	Achromatomaly 8E8961

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8F20 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 #9B8F20 looks like.

```
.text, #text, p{  
    color:#9B8F20  
}
```

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 #9B8F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8F20
}
```

Border

The CSS property to change the border of an element to Hex 9B8F20 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
#9B8F20 }
```

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

```
.border{ border-color:#9B8F20 }
```

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

Here you see how a box with a 4 pixel #9B8F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8F20; -webkit-box-shadow:4px 4px  
4px 4px #9B8F20; box-shadow:4px 4px 4px  
4px #9B8F20 }
```

Background

The CSS property to change the background color of an element to Hex 9B8F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8F20 }
```

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

```
.background{ background-color:#9B8F20 }
```

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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