

Converting Colors

Hex(909D21)

Have a look what the booklet for
Hex(909D21) contains.

Hex(909D21)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(909D21)

Conversions

Conversions Part 1

Format	Color
Hex	909D21
RGB	144, 157, 33
RGB Percent	56%, 62%, 13%
CMY	0.4353, 0.3843, 0.8706
CMYK	0.08, 0.00, 0.79, 0.38
HSL	66°, 65%, 37%
HSV	66°, 79%, 62%
XYZ	23.8331, 30.1530, 6.0028
YIQ	138.9770, 32.0560, -41.3200

Conversions

Conversions Part 2

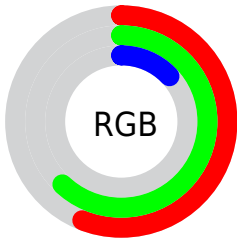
Format	Color
RYB	33, 157, 46
Decimal	9477409
CIELab	61.79, -19.99, 57.99
CIELCh	62, 61.343, 109.018
Yxy	30.1530, 0.3973, 0.5026
Android (android.graphics.Color)	4287667489 (0xFF909D21)
YUV	138.9770, -52.2467, 4.4052
Hunter-Lab	54.9118, -18.6222, 31.9568

Details

The Hex color **909D21** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2E219D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C9D359**, and **5A6A00** is the 20% darker color. If you saturate the color by 10%, you get **8E9D11**, and if you desaturate by 10%, it is **929D31**.

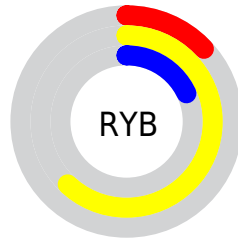
Distribution



Red (56%)

Green (62%)

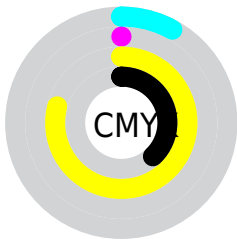
Blue (13%)



Red (13%)

Yellow (62%)

Blue (18%)

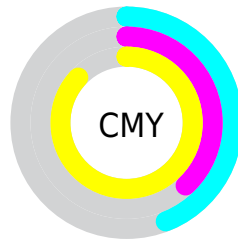


Cyan (8%)

Magenta (0%)

Yellow (79%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 909D21 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 909D21 by changing the saturation by 10% instead.

 909D21

 909D21

FFFFFF

 758300

 C9D359

 5A6A00

 E6F074

 405200

 FFFF8F

 253B00

 FFFFAB

 0B2500

 FFFFC7

 000C00

 FFFF E4

 000000

 909D21

 909D21

 8E9D11

 929D31

■ 8D9D02

■ 939D40

■ 8D9D00

■ 959D50

■ 979D60

■ 989D70

■ 9A9D7F

■ 9C9D8F

■ 9D9D9F

■ 9F9DAE

Harmonies

Analogous

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



C28B20



909D21



4DA84A

Triad

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



909D21



00ABE6



ED64AC

Complementary

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



909D21



2E219D

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.



C378DD



909D21



00A1FF

Square

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



909D21



00AFB7



6F8FFC



F86375

Rectangle

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



909D21



00AD6C



6F8FFC



E369BD

Sweetspot

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



909D21



C7CC9B



9D2D21



636648



E6E6E6



666666

Same Dimension

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



909D21



B8CC0A



539D21



4E4F47



808F00



0E0F00

Inverse Universe

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



2E219D



1F0ACC



6B219D



48474F



0F008F



02000F

Previews

White Background



This preview shows how the Hex color 909D21 looks on a white background.

Color Contrast Check

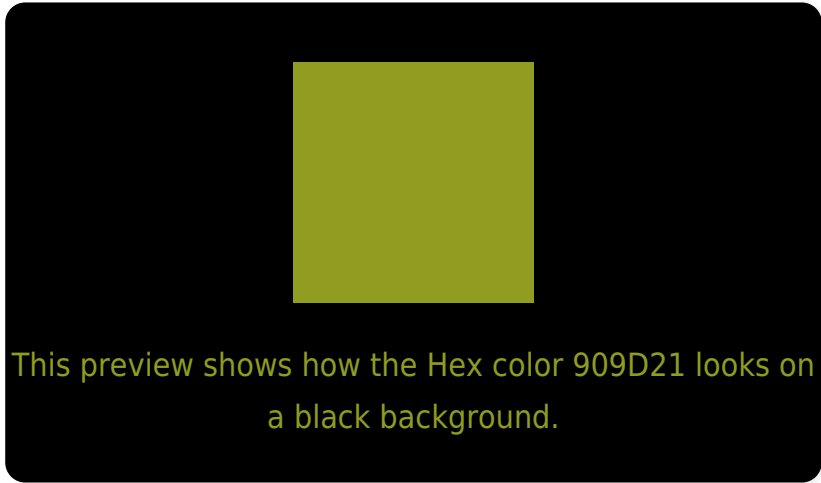
Large Text (above 18pt) WCAG AA × Fail

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 909D21 Background



This preview shows how black text looks on a background with the Hex color 909D21.



This preview shows how white text looks on a background with the Hex color 909D21.

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
909D21

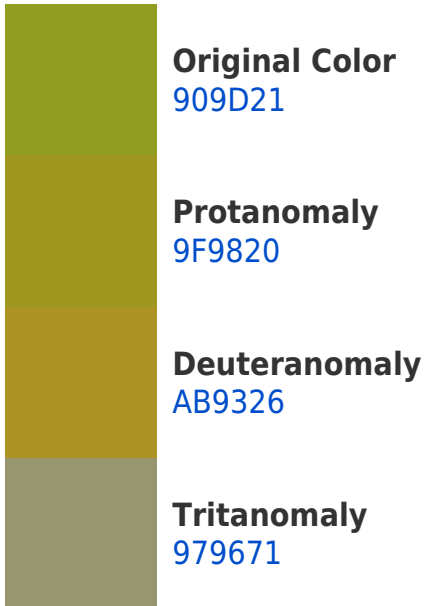
Protanopia
A8951F

Deuteranopia
BB8D29

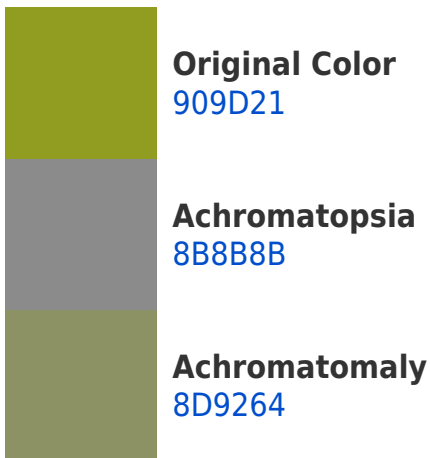


Tritanopia
9B929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 909D21 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 #909D21 looks like.

```
.text, #text, p{  
    color:#909D21  
}
```

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 #909D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #909D21
}
```

Border

The CSS property to change the border of an element to Hex 909D21 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
#909D21 }
```

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

```
.border{ border-color:#909D21 }
```

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

Here you see how a box with a 4 pixel #909D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #909D21; -webkit-box-shadow:4px 4px  
4px 4px #909D21; box-shadow:4px 4px 4px  
4px #909D21 }
```

Background

The CSS property to change the background color of an element to Hex 909D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#909D21 }
```

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

```
.background{ background-color:#909D21 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor