

Converting Colors

Hex(9DA916)

Have a look what the booklet for
Hex(9DA916) contains.

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Color

Hex(9DA916)

Conversions

Conversions Part 1

Format	Color
Hex	9DA916
RGB	157, 169, 22
RGB Percent	62%, 66%, 9%
CMY	0.3843, 0.3373, 0.9137
CMYK	0.07, 0.00, 0.87, 0.34
HSL	65°, 77%, 37%
HSV	65°, 87%, 66%
XYZ	28.2374, 35.6020, 6.1427
YIQ	148.6540, 40.0350, -48.2610

Conversions

Conversions Part 2

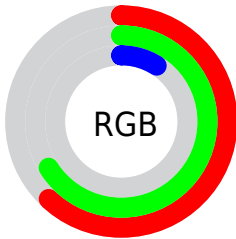
Format	Color
R_{YB}	22, 169, 34
Decimal	10332438
CIE _{Lab}	66.21, -20.74, 65.04
CIE _{LCh}	66, 68.271, 107.688
Yxy	35.6020, 0.4035, 0.5087
Android (android.graphics.Color)	4288522518 (0xFF9DA916)
YUV	148.6540, -62.4404, 7.3194
Hunter-Lab	59.6674, -19.9433, 35.6634

Details

The Hex color **9DA916** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2216A9**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D7E054**, and **657500** is the 20% darker color. If you saturate the color by 10%, you get **9CA905**, and if you desaturate by 10%, it is **9EA927**.

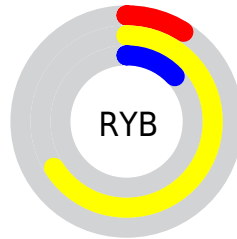
Distribution



Red (62%)

Green (66%)

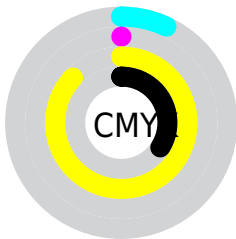
Blue (9%)



Red (9%)

Yellow (66%)

Blue (13%)

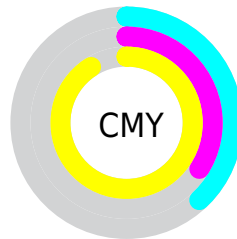


Cyan (7%)

Magenta (0%)

Yellow (87%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DA916 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 9DA916 by changing the saturation by 10% instead.

 9DA916

 9DA916

FFFFFF

 818F00

 D7E054

 657500

 F5FD70

 4B5C00

 FFFF8C

 304500

 FFFFA8

 152F00

 FFFFC4

 001C00

 FFFFE1

 000000

 9DA916

 9DA916

 9CA905

 9EA927

■ 9BA900

■ A0A938

■ A1A949

■ A3A95A

■ A4A96A

■ A5A97B

■ A7A98C

■ A8A99D

■ A9A9AE

Harmonies

Analogous

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



D49519



9DA916



52B648

Triad

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



9DA916



00BAFB



FF68BD

Complementary

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



9DA916



2216A9

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.



D180F4



9DA916



00AFFF

Square

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



9DA916



00BEC4



6D9BFF



FF677F

Rectangle

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



9DA916



00BB70



6D9BFF



F76FD1

Sweetspot

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



9DA916



D7DBA2



A92016



6B6E4C



EDEDED



6E6E6E

Same Dimension

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



9DA916



C9DB00



56A916



53544C



889400



131400

Inverse Universe

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



2216A9



1200DB



6916A9



4C4C54



0C0094



020014

Previews

White Background



This preview shows how the Hex color 9DA916 looks on a white background.

Color Contrast Check

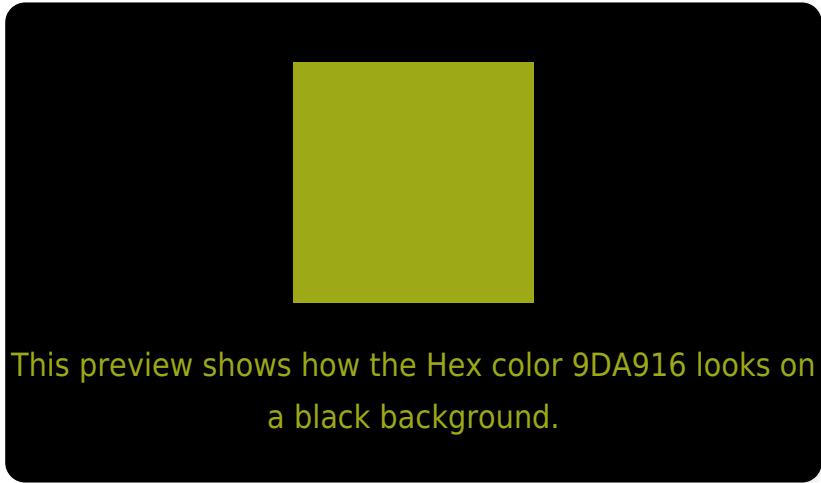
Large Text (above 18pt) WCAG AA × Fail

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 9DA916 Background



This preview shows how black text looks on a background with the Hex color 9DA916.



This preview shows how white text looks on a background with the Hex color 9DA916.

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
9DA916

Protanopia
B5A113

Deuteranopia
CA9822



Tritanopia
A99DAA

Trichromacy



Original Color
9DA916

Protanomaly
ACA414

Deuteranomaly
BA9E1E

Tritanomaly
A5A174

Monochromacy



Original Color
9DA916

Achromatopsia
959595

Achromatomaly
989C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DA916 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 #9DA916 looks like.

```
.text, #text, p{  
    color:#9DA916  
}
```

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 #9DA916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA916
}
```

Border

The CSS property to change the border of an element to Hex 9DA916 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
#9DA916 }
```

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

```
.border{ border-color:#9DA916 }
```

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

Here you see how a box with a 4 pixel #9DA916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA916; -webkit-box-shadow:4px 4px  
4px 4px #9DA916; box-shadow:4px 4px 4px  
4px #9DA916 }
```

Background

The CSS property to change the background color of an element to Hex 9DA916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA916 }
```

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

```
.background{ background-color:#9DA916 }
```

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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