

Converting Colors

Hex(9DBD36)

Have a look what the booklet for
Hex(9DBD36) contains.

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Color

Hex(9DBD36)

Conversions

Conversions Part 1

Format	Color
Hex	9DBD36
RGB	157, 189, 54
RGB Percent	62%, 74%, 21%
CMY	0.3843, 0.2588, 0.7882
CMYK	0.17, 0.00, 0.71, 0.26
HSL	74°, 56%, 48%
HSV	74°, 71%, 74%
XYZ	32.7681, 43.8296, 10.2229
YIQ	164.0420, 24.2630, -48.7690

Conversions

Conversions Part 2

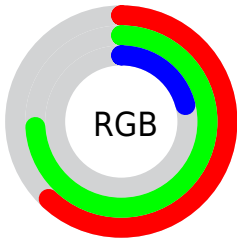
Format	Color
RYB	54, 189, 86
Decimal	10337590
CIELab	72.11, -29.21, 61.02
CIELCh	72, 67.650, 115.578
Yxy	43.8296, 0.3774, 0.5048
Android (android.graphics.Color)	4288527670 (0xFF9DBD36)
YUV	164.0420, -54.2507, -6.1758
Hunter-Lab	66.2040, -27.5072, 37.1875

Details

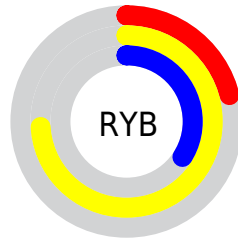
The Hex color **9DBD36** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5636BD**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D6F56D**, and **668800** is the 20% darker color. If you saturate the color by 10%, you get **99BD23**, and if you desaturate by 10%, it is **A1BD49**.

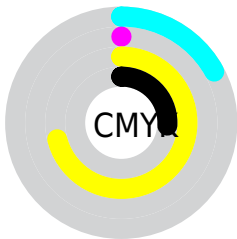
Distribution



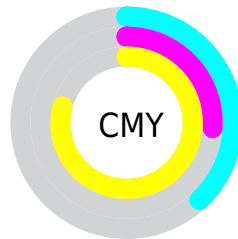
- Red (62%)
- Green (74%)
- Blue (21%)



- Red (21%)
- Yellow (74%)
- Blue (34%)



- Cyan (17%)
- Magenta (0%)
- Yellow (71%)
- Black (26%)



- Cyan (38%)
- Magenta (26%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DBD36 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 9DBD36 by changing the saturation by 10% instead.



9DBD36



9DBD36

FFFFFF



81A215



D6F56D



668800



F4FF89



4B6E00



FFFFA4



305600



FFFFC1



123E00



FFFFDE



002800



FFFFFB



000E00



000000



9DBD36



9DBD36

■ 99BD23

■ A1BD49

■ 94BD10

■ A6BD5C

■ 90BD00

■ AABD6F

■ AFB D82

■ B3BD95

■ B8BDA7

■ BCBDBA

■ C1BD CD

■ C5BDE0

Harmonies

Analogous

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



D9AB28



9DBD36



48C867

Triad

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



9DBD36



00C8FF



FF77BD

Complementary

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



9DBD36



5636BD

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.



F389F8



9DBD36



00BBFF

Square

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



9DBD36



00CEE4



A1A4FF



FF7C7F

Rectangle

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



9DBD36



00CD90



A1A4FF



FF7BD1

Sweetspot

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



9DBD36



E9F5C1



BD5636



737A5C



FAFAFA



7A7A7A

Same Dimension

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



9DBD36



C3F522



5ABD36



5C5E55



799E00



171F00

Inverse Universe

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



5636BD



5422F5



9936BD



57555E



25009E



07001F

Previews

White Background



This preview shows how the Hex color 9DBD36 looks on a white background.

Color Contrast Check

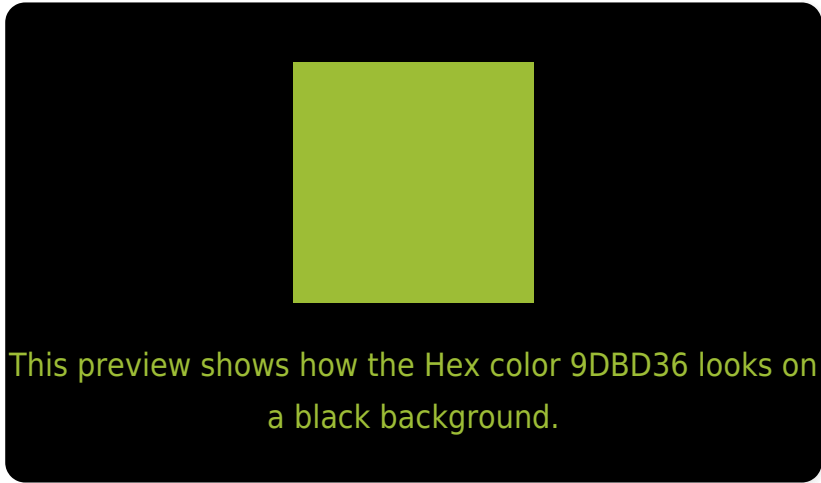
Large Text (above 18pt) WCAG AA × Fail

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 9DBD36 Background



This preview shows how black text looks on a background with the Hex color 9DBD36.

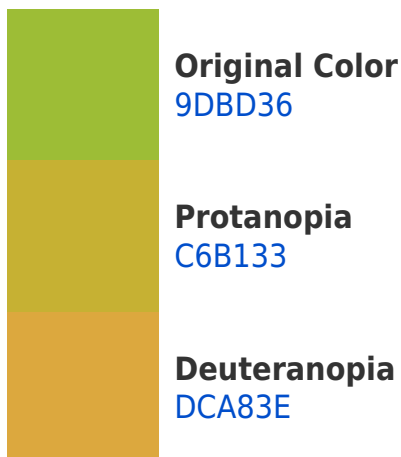


This preview shows how white text looks on a background with the Hex color 9DBD36.

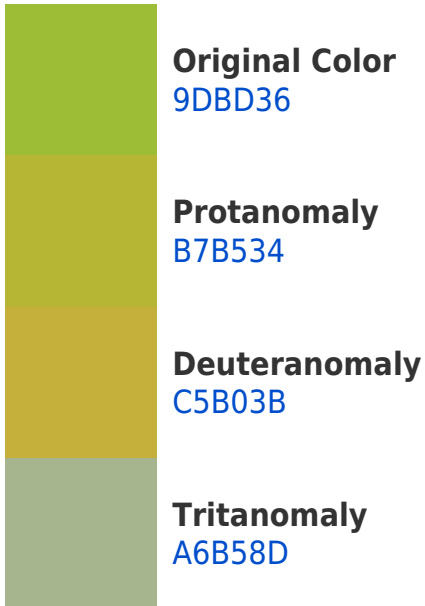
Color Blindness Simulation

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](#).

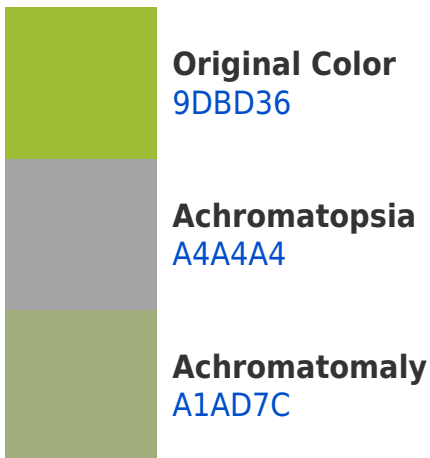
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DBD36 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 #9DBD36 looks like.

```
.text, #text, p{  
    color:#9DBD36  
}
```

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 #9DBD36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DBD36
}
```

Border

The CSS property to change the border of an element to Hex 9DBD36 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
#9DBD36 }
```

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

```
.border{ border-color:#9DBD36 }
```

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

Here you see how a box with a 4 pixel #9DBD36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DBD36; -webkit-box-shadow:4px 4px  
4px 4px #9DBD36; box-shadow:4px 4px 4px  
4px #9DBD36 }
```

Background

The CSS property to change the background color of an element to Hex 9DBD36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DBD36 }
```

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

```
.background{ background-color:#9DBD36 }
```

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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