

Converting Colors

Hex(9DB725)

Have a look what the booklet for
Hex(9DB725) contains.

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Color

Hex(9DB725)

Conversions

Conversions Part 1

Format	Color
Hex	9DB725
RGB	157, 183, 37
RGB Percent	62%, 72%, 15%
CMY	0.3843, 0.2824, 0.8549
CMYK	0.14, 0.00, 0.80, 0.28
HSL	71°, 66%, 43%
HSV	71°, 80%, 72%
XYZ	31.1720, 41.1686, 8.0537
YIQ	158.5820, 31.3700, -50.9180

Conversions

Conversions Part 2

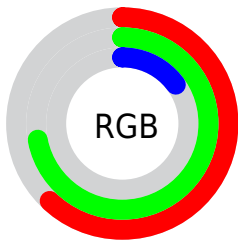
Format	Color
RYB	37, 183, 63
Decimal	10336037
CIELab	70.29, -27.15, 64.83
CIELCh	70, 70.283, 112.722
Yxy	41.1686, 0.3877, 0.5121
Android (android.graphics.Color)	4288526117 (0xFF9DB725)
YUV	158.5820, -59.9399, -1.3874
Hunter-Lab	64.1628, -25.5647, 37.4719

Details

The Hex color **9DB725** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3F25B7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D7EF60**, and **658200** is the 20% darker color. If you saturate the color by 10%, you get **9AB713**, and if you desaturate by 10%, it is **A0B737**.

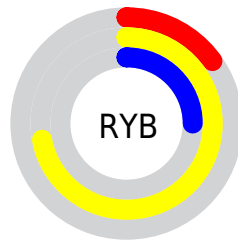
Distribution



Red (62%)

Green (72%)

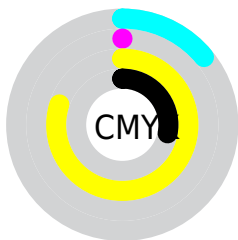
Blue (15%)



Red (15%)

Yellow (72%)

Blue (25%)

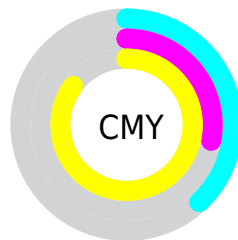


Cyan (14%)

Magenta (0%)

Yellow (80%)

Black (28%)



Cyan (38%)

Magenta (28%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DB725 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 9DB725 by changing the saturation by 10% instead.



9DB725



9DB725

FFFFFF



819C00



D7EF60



658200



F4FF7B



4A6900



FFFF97



2F5100



FFFFB3



123900



FFFFD0



002400



FFFFED



000200



000000



9DB725



9DB725

■ 9AB713

■ A0B737

■ 96B700

■ A4B74A

■ A7B75C

■ AAB76E

■ ADB781

■ B1B793

■ B4B7A5

■ B7B7B7

■ BAB7CA

Harmonies

Analogous

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



D9A31A



9DB725



47C35A

Triad

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



9DB725



00C5FF



FF6FBE

Complementary

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



9DB725



3F25B7

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.



EA85FA



9DB725



00B8FF

Square

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



9DB725



00CADB



8EA2FF



FF727E

Rectangle

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



9DB725



00C884



8EA2FF



FF74D3

Sweetspot

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



9DB725



E3EDB4



B73D25



727855



F7F7F7



787878

Same Dimension

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



9DB725



C5ED09



56B725



5A5C53



809C00



171C00

Inverse Universe

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



3F25B7



3209ED



8625B7



54535C



1C009C



05001C

Previews

White Background



This preview shows how the Hex color 9DB725 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



This preview shows how the Hex color 9DB725 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9DB725 Background



This preview shows how black text looks on a background with the Hex color 9DB725.



This preview shows how white text looks on a background with the Hex color 9DB725.

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
9DB725

Protanopia
C1AC22

Deuteranopia
D7A32F



Tritanopia
ABAAB8

Trichromacy



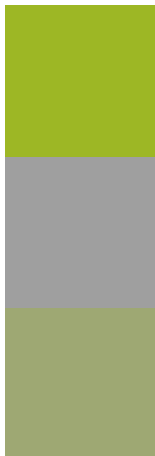
Original Color
9DB725

Protanomaly
B4B023

Deuteranomaly
C2AA2B

Tritanomaly
A6AF83

Monochromacy



Original Color
9DB725

Achromatopsia
9F9F9F

Achromatomaly
9EA873

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB725 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 #9DB725 looks like.

```
.text, #text, p{  
    color:#9DB725  
}
```

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 #9DB725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB725
}
```

Border

The CSS property to change the border of an element to Hex 9DB725 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
#9DB725 }
```

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

```
.border{ border-color:#9DB725 }
```

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

Here you see how a box with a 4 pixel #9DB725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB725; -webkit-box-shadow:4px 4px  
4px 4px #9DB725; box-shadow:4px 4px 4px  
4px #9DB725 }
```

Background

The CSS property to change the background color of an element to Hex 9DB725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB725 }
```

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

```
.background{ background-color:#9DB725 }
```

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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