

Converting Colors

Hex(9DB32E)

Have a look what the booklet for
Hex(9DB32E) contains.

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Color

Hex(9DB32E)

Conversions

Conversions Part 1

Format	Color
Hex	9DB32E
RGB	157, 179, 46
RGB Percent	62%, 70%, 18%
CMY	0.3843, 0.2980, 0.8196
CMYK	0.12, 0.00, 0.74, 0.30
HSL	70°, 59%, 44%
HSV	70°, 74%, 70%
XYZ	30.5179, 39.6056, 8.6209
YIQ	157.2600, 29.5810, -46.0270

Conversions

Conversions Part 2

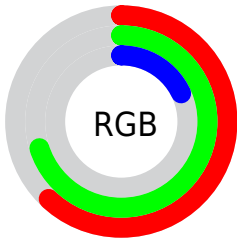
Format	Color
RYB	46, 179, 68
Decimal	10335022
CIELab	69.19, -24.81, 60.99
CIELCh	69, 65.847, 112.133
Yxy	39.6056, 0.3876, 0.5030
Android (android.graphics.Color)	4288525102 (0xFF9DB32E)
YUV	157.2600, -54.8512, -0.2280
Hunter-Lab	62.9329, -23.5732, 35.9312

Details

The Hex color **9DB32E** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **442EB3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D6EB66**, and **667E00** is the 20% darker color. If you saturate the color by 10%, you get **9AB31C**, and if you desaturate by 10%, it is **A0B340**.

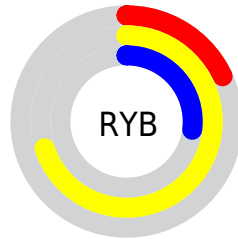
Distribution



Red (62%)

Green (70%)

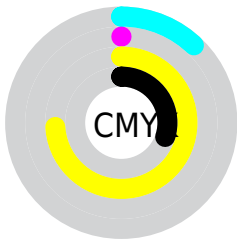
Blue (18%)



Red (18%)

Yellow (70%)

Blue (27%)

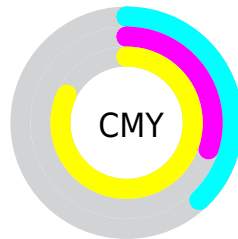


Cyan (12%)

Magenta (0%)

Yellow (74%)

Black (30%)



Cyan (38%)

Magenta (30%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DB32E 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 9DB32E by changing the saturation by 10% instead.



9DB32E



9DB32E

FFFFFF



819808



D6EB66



667E00



F4FF81



4B6500



FFFF9D



304D00



FFFFB9



153600



FFFFD5



002200



FFFFF3



000000



9DB32E



9DB32E



9AB31C



A0B340

■ 97B30A

■ A3B352

■ 95B300

■ A6B364

■ A9B376

■ ACB388

■ AFB399

■ B2B3AB

■ B5B3BD

■ B8B3CF

Harmonies

Analogous

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



D5A027



9DB32E



50BF5C

Triad

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



9DB32E



00C1FF



FF72BB

Complementary

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



9DB32E



442EB3

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.



E286F3



9DB32E



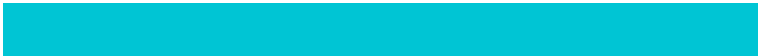
00B4FF

Square

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



9DB32E



00C5D4



8DA0FF



FF7480

Rectangle

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



9DB32E



00C382



8DA0FF



FF77CF

Sweetspot

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



9DB32E



E0E8B5



B3422E



707557



F5F5F5



757575

Same Dimension

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



9DB32E



C6E81A



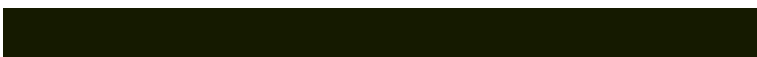
5DB32E



585950



809900



151A00

Inverse Universe

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



442EB3



3C1AE8



842EB3



525059



190099



04001A

Previews

White Background



This preview shows how the Hex color 9DB32E looks on a white background.

Color Contrast Check

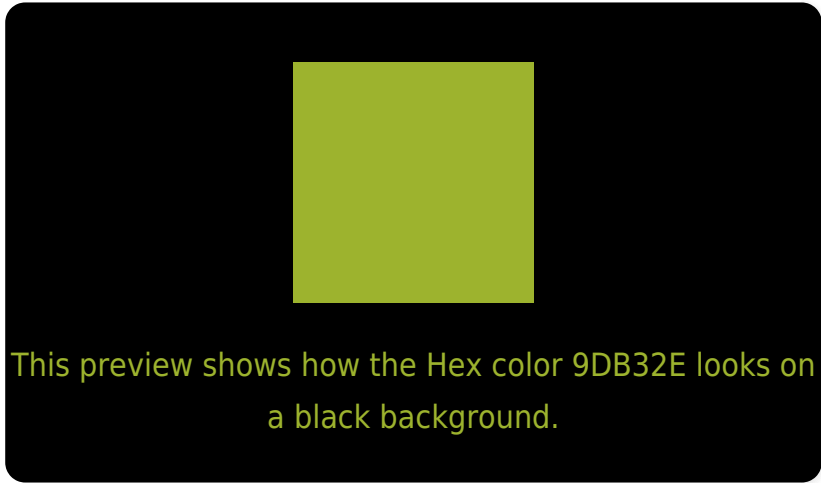
Large Text (above 18pt) WCAG AA × Fail

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 9DB32E Background



This preview shows how black text looks on a background with the Hex color 9DB32E.

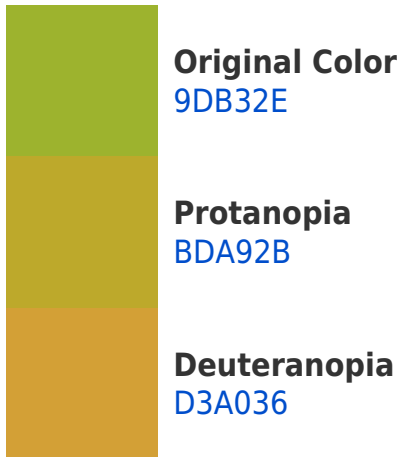


This preview shows how white text looks on a background with the Hex color 9DB32E.

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](#).

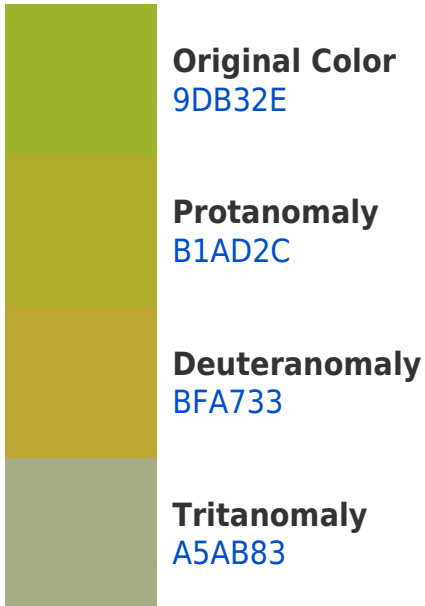
Dichromacy





Tritanopia
AAA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB32E 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 #9DB32E looks like.

```
.text, #text, p{  
    color:#9DB32E  
}
```

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 #9DB32E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB32E
}
```

Border

The CSS property to change the border of an element to Hex 9DB32E 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
#9DB32E }
```

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

```
.border{ border-color:#9DB32E }
```

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

Here you see how a box with a 4 pixel #9DB32E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB32E; -webkit-box-shadow:4px 4px  
4px 4px #9DB32E; box-shadow:4px 4px 4px  
4px #9DB32E }
```

Background

The CSS property to change the background color of an element to Hex 9DB32E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB32E }
```

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

```
.background{ background-color:#9DB32E }
```

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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