

Converting Colors

Hex(9DB30E)

Have a look what the booklet for
Hex(9DB30E) contains.

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Color

Hex(9DB30E)

Conversions

Conversions Part 1

Format	Color
Hex	9DB30E
RGB	157, 179, 14
RGB Percent	62%, 70%, 5%
CMY	0.3843, 0.2980, 0.9451
CMYK	0.12, 0.00, 0.92, 0.30
HSL	68°, 85%, 38%
HSV	68°, 92%, 70%
XYZ	30.1040, 39.4400, 6.4415
YIQ	153.6120, 39.8530, -55.9790

Conversions

Conversions Part 2

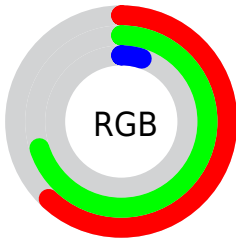
Format	Color
RYB	14, 179, 36
Decimal	10334990
CIELab	69.07, -25.85, 68.74
CIELCh	69, 73.440, 110.609
Yxy	39.4400, 0.3962, 0.5190
Android (android.graphics.Color)	4288525070 (0xFF9DB30E)
YUV	153.6120, -68.8287, 2.9713
Hunter-Lab	62.8013, -24.3377, 37.8795

Details

The Hex color **9DB30E** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **240EB3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D7EB53**, and **657E00** is the 20% darker color. If you saturate the color by 10%, you get **9BB300**, and if you desaturate by 10%, it is **9FB320**.

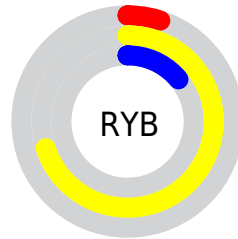
Distribution



Red (62%)

Green (70%)

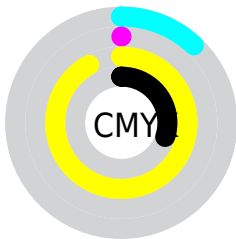
Blue (5%)



Red (5%)

Yellow (70%)

Blue (14%)

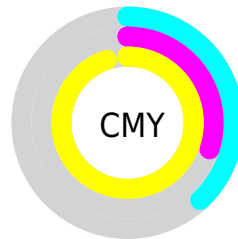


Cyan (12%)

Magenta (0%)

Yellow (92%)

Black (30%)



Cyan (38%)

Magenta (30%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DB30E 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 9DB30E by changing the saturation by 10% instead.

 9DB30E

 9DB30E

FFFFFF

 819800

 D7EB53

 657E00

 F5FF6F

 4A6500

 FFFF8B

 2E4D00

 FFFFA7

 123600

 FFFFC4

 002200

 FFFFE1

 000000

 9DB30E

 9DB30E

 9BB300

 9FB320

 A2B332

 A4B344

 A7B356

 A9B368

 ABB379

 AEB38B

 B0B39D

 B2B3AF

Harmonies

Analogous

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



DA9E04



9DB30E



45C04E

Triad

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



9DB30E



00C3FF



FF68C0

Complementary

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



9DB30E



240EB3

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.



E481FE



9DB30E



00B6FF

Square

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



9DB30E



00C7D6



7DA0FF



FF697E

Rectangle

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



9DB30E



00C57A



7DA0FF



FF6FD6

Sweetspot

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



9DB30E



DFE8A7



B3240E



70754D



F5F5F5



757575

Same Dimension

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



9DB30E



C9E800



4BB30E



585950



859900



161A00

Inverse Universe

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



240EB3



1F00E8



770EB3



525059



140099



03001A

Previews

White Background



This preview shows how the Hex color 9DB30E looks on a white background.

Color Contrast Check

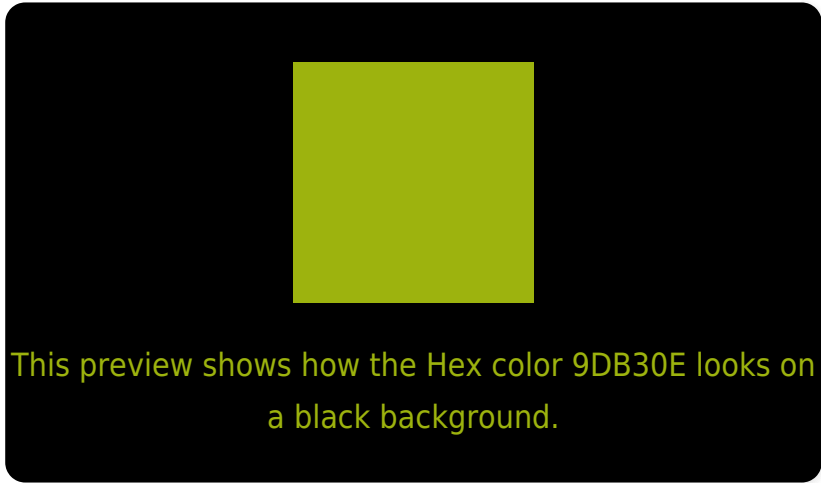
Large Text (above 18pt) WCAG AA × Fail

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 9DB30E Background



This preview shows how black text looks on a background with the Hex color 9DB30E.



This preview shows how white text looks on a background with the Hex color 9DB30E.

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
9DB30E

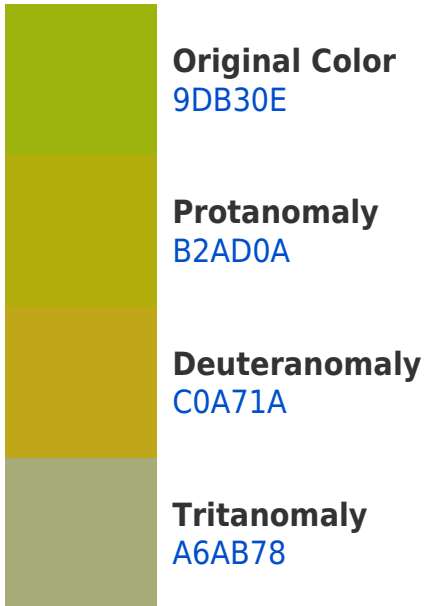
Protanopia
BEA907

Deuteranopia
D4A021

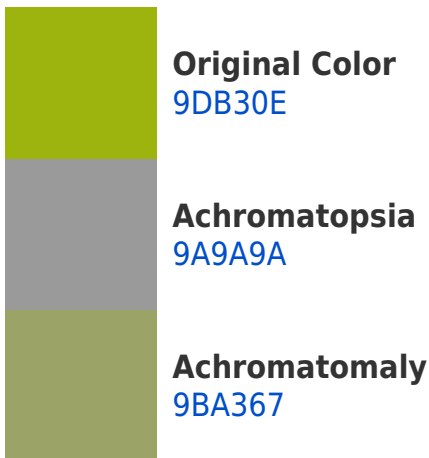


Tritanopia
ABA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB30E 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 #9DB30E looks like.

```
.text, #text, p{  
    color:#9DB30E  
}
```

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 #9DB30E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB30E
}
```

Border

The CSS property to change the border of an element to Hex 9DB30E 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
#9DB30E }
```

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

```
.border{ border-color:#9DB30E }
```

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

Here you see how a box with a 4 pixel #9DB30E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB30E; -webkit-box-shadow:4px 4px  
4px 4px #9DB30E; box-shadow:4px 4px 4px  
4px #9DB30E }
```

Background

The CSS property to change the background color of an element to Hex 9DB30E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB30E }
```

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

```
.background{ background-color:#9DB30E }
```

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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