

Converting Colors

Hex(D9B611)

Have a look what the booklet for
Hex(D9B611) contains.

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Color

Hex(D9B611)

Conversions

Conversions Part 1

Format	Color
Hex	D9B611
RGB	217, 182, 17
RGB Percent	85%, 71%, 7%
CMY	0.1490, 0.2863, 0.9333
CMYK	0.00, 0.16, 0.92, 0.15
HSL	50°, 85%, 46%
HSV	50°, 92%, 85%
XYZ	45.4444, 48.2481, 7.4479
YIQ	173.6550, 73.8250, -43.8950

Conversions

Conversions Part 2

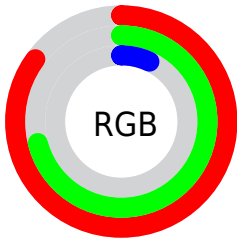
Format	Color
RYB	59, 217, 17
Decimal	14267921
CIELab	74.98, -1.18, 75.07
CIELCh	75, 75.079, 90.903
Yxy	48.2481, 0.4493, 0.4770
Android (android.graphics.Color)	4292458001 (0xFFD9B611)
YUV	173.6550, -77.2309, 38.0136
Hunter-Lab	69.4608, -4.7738, 42.2652

Details

The Hex color **D9B611** is a dark color, and the websafe version is hex **FFCC33**, and the color name is [patrinia flowers \(ominaeshi\)](#). The color can be described as middle washed orange. A complement of this color would be **1134D9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFEE56**, and **9D8200** is the 20% darker color. If you saturate the color by 10%, you get **D9B300**, and if you desaturate by 10%, it is **D9BA27**.

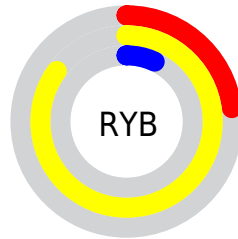
Distribution



Red (85%)

Green (71%)

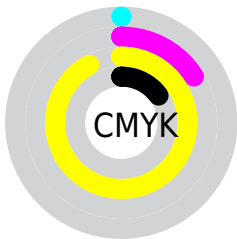
Blue (7%)



Red (23%)

Yellow (85%)

Blue (7%)

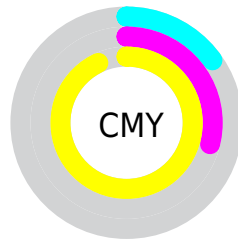


Cyan (0%)

Magenta (16%)

Yellow (92%)

Black (15%)



Cyan (15%)

Magenta (29%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9B611 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 D9B611 by changing the saturation by 10% instead.

 D9B611

 D9B611

FFFFFF

 BB9B00

 FFEE56

 9D8200

 FFFF73

 806900

 FFFF8F

 645100

 FFFFAC

 483A00

 FFFFC8

 2E2500

 FFFFEE6

 151100

 000000

 D9B611

 D9B611

 D9B300

 D9BA27

 D9BE3C

 D9C152

 D9C568

 D9C97E

 D9CD93

 D9D1A9

 D9D4BF

 D9D8D4

Harmonies

Analogous

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



FF9B3B



D9B611



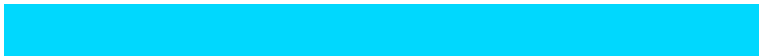
94C934

Triad

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



D9B611



00D8FE



FF86FD

Complementary

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



D9B611



1134D9

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.



BAA5FF



D9B611



00D1FF

Square

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



D9B611



00D9B9



00C0FF



FF74B9

Rectangle

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



D9B611



53D15C



00C0FF



F790FF

Sweetspot

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



D9B611



FFF3B8



D91136



807854



000000



808080

Same Dimension

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



D9B611



FFD200



9AD911



6E6C63



AD8F00



2E2600

Inverse Universe

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



1134D9



002DFF



5011D9



63656E



001EAD



00082E

Previews

White Background



This preview shows how the Hex color D9B611 looks on a white background.

Color Contrast Check

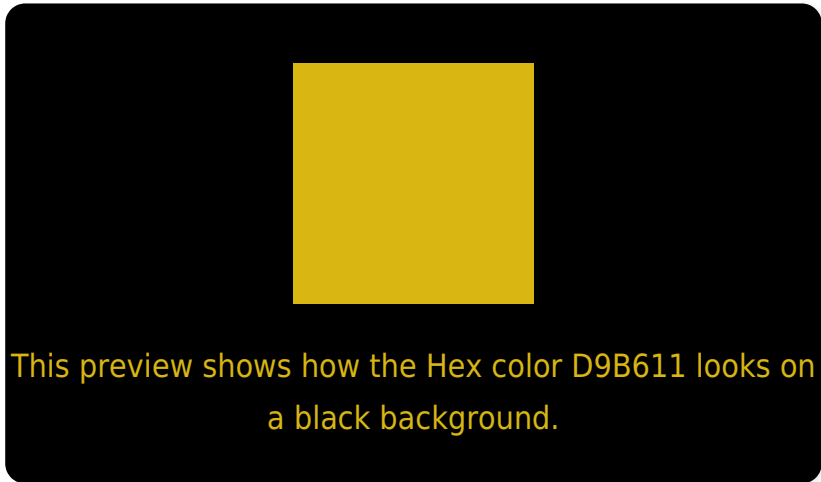
Large Text (above 18pt) WCAG AA × Fail

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 D9B611 Background



This preview shows how black text looks on a background with the Hex color D9B611.



This preview shows how white text looks on a background with the Hex color D9B611.

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
D9B611

Protanopia
D0B912

Deuteranopia
E9AF19

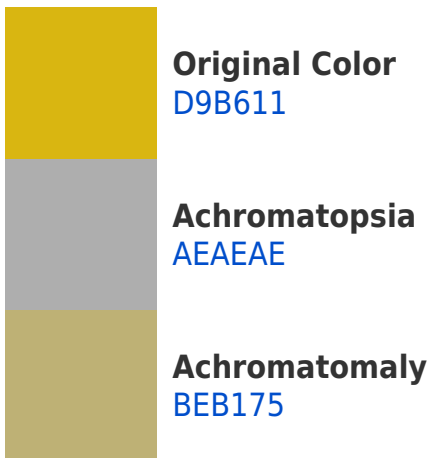


Tritanopia
E3A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9B611 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 #D9B611 looks like.

```
.text, #text, p{  
    color:#D9B611  
}
```

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 #D9B611 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9B611
}
```

Border

The CSS property to change the border of an element to Hex D9B611 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
#D9B611 }
```

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

```
.border{ border-color:#D9B611 }
```

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

Here you see how a box with a 4 pixel #D9B611 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9B611; -webkit-box-shadow:4px 4px  
4px 4px #D9B611; box-shadow:4px 4px 4px  
4px #D9B611 }
```

Background

The CSS property to change the background color of an element to Hex D9B611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9B611 }
```

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

```
.background{ background-color:#D9B611 }
```

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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