

Converting Colors

Hex(9BE112)

Have a look what the booklet for
Hex(9BE112) contains.

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Color

Hex(9BE112)

Conversions

Conversions Part 1

Format	Color
Hex	9BE112
RGB	155, 225, 18
RGB Percent	61%, 88%, 7%
CMY	0.3922, 0.1176, 0.9294
CMYK	0.31, 0.00, 0.92, 0.12
HSL	80°, 85%, 48%
HSV	80°, 92%, 88%
XYZ	40.5520, 60.8627, 10.1826
YIQ	180.4720, 24.7270, -79.2170

Conversions

Conversions Part 2

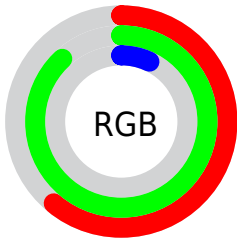
Format	Color
RYB	18, 225, 88
Decimal	10215698
CIELab	82.30, -47.32, 78.71
CIELCh	82, 91.838, 121.013
Yxy	60.8627, 0.3634, 0.5454
Android (android.graphics.Color)	4288405778 (0xFF9BE112)
YUV	180.4720, -80.0987, -22.3389
Hunter-Lab	78.0145, -43.7411, 46.8715

Details

The Hex color **9BE112** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **5812E1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D6FF5D**, and **60A900** is the 20% darker color. If you saturate the color by 10%, you get **95E100**, and if you desaturate by 10%, it is **A3E129**.

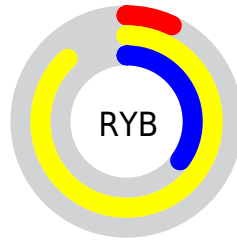
Distribution



Red (61%)

Green (88%)

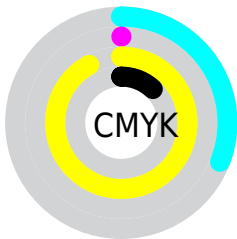
Blue (7%)



Red (7%)

Yellow (88%)

Blue (35%)

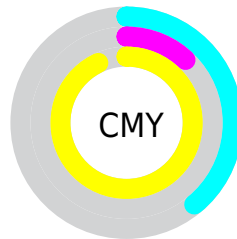


Cyan (31%)

Magenta (0%)

Yellow (92%)

Black (12%)



Cyan (39%)

Magenta (12%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE112 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 9BE112 by changing the saturation by 10% instead.

 9BE112

 9BE112

FFFFFF

 7EC500

 D6FF5D

 60A900

 F5FF7A

 428E00

 FFFF97

 1F7400

 FFFFFB4

 005B00

 FFFFFD2

 004300

 FFFFFF0

 002D00

 000F00

 000000

■ 9BE112

■ 9BE112

■ 95E100

■ A3E129

■ AAE13F

■ B2E156

■ B9E16C

■ C1E183

■ C9E199

■ D0E1B0

■ D8E1C6

■ DFE1DC

Harmonies

Analogous

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



F2CA00



9BE112



00EE74

Triad

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



9BE112



00EBFF



FF6FCE

Complementary

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



9BE112



5812E1

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.



FF8AFF



9BE112



00D6FF

Square

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



9BE112



00F3FF



CCB4FF



FF8079

Rectangle

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



9BE112



00F2AF



CCB4FF



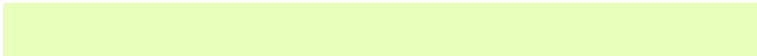
FF74EB

Sweetspot

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



9BE112



E7FFB8



E15712



718054



000000



808080

Same Dimension

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



9BE112



A9FF00



34E112



6C7065



74B000



203000

Inverse Universe

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



5812E1



5600FF



BF12E1



696570



3B00B0



100030

Previews

White Background



This preview shows how the Hex color 9BE112 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 9BE112 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 9BE112 Background



This preview shows how black text looks on a background with the Hex color 9BE112.

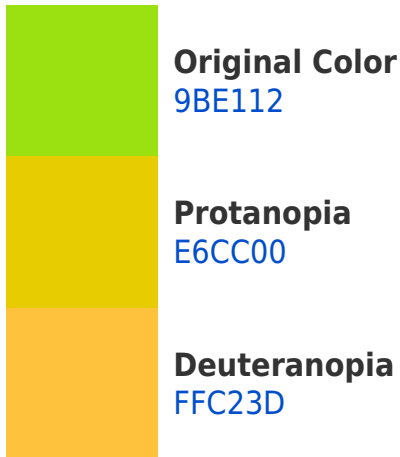


This preview shows how white text looks on a background with the Hex color 9BE112.

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
B1D1E2

Trichromacy



Original Color
9BE112

Protanomaly
CBD407

Deuteranomaly
DBCD2D

Tritanomaly
A9D796

Monochromacy



Original Color
9BE112

Achromatopsia
B4B4B4

Achromatomaly
ABC479

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE112 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 #9BE112 looks like.

```
.text, #text, p{  
    color:#9BE112  
}
```

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 #9BE112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE112
}
```

Border

The CSS property to change the border of an element to Hex 9BE112 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
#9BE112 }
```

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

```
.border{ border-color:#9BE112 }
```

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

Here you see how a box with a 4 pixel #9BE112 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE112; -webkit-box-shadow:4px 4px  
4px 4px #9BE112; box-shadow:4px 4px 4px  
4px #9BE112 }
```

Background

The CSS property to change the background color of an element to Hex 9BE112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE112 }
```

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

```
.background{ background-color:#9BE112 }
```

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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