

Converting Colors

Hex(91B612)

Have a look what the booklet for
Hex(91B612) contains.

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Color

Hex(91B612)

Conversions

Conversions Part 1

Format	Color
Hex	91B612
RGB	145, 182, 18
RGB Percent	57%, 71%, 7%
CMY	0.4314, 0.2863, 0.9294
CMYK	0.20, 0.00, 0.90, 0.29
HSL	74°, 82%, 39%
HSV	74°, 90%, 71%
XYZ	28.5142, 39.5193, 6.6974
YIQ	152.2410, 30.5920, -58.8480

Conversions

Conversions Part 2

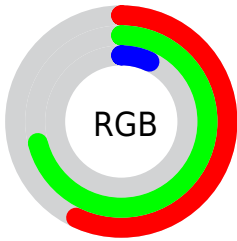
Format	Color
RYB	18, 182, 55
Decimal	9549330
CIELab	69.13, -32.20, 67.82
CIELCh	69, 75.078, 115.401
Yxy	39.5193, 0.3816, 0.5288
Android (android.graphics.Color)	4287739410 (0xFF91B612)
YUV	152.2410, -66.1808, -6.3504
Hunter-Lab	62.8644, -29.0482, 37.6885

Details

The Hex color **91B612** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3712B6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CBEE54**, and **598100** is the 20% darker color. If you saturate the color by 10%, you get **8DB600**, and if you desaturate by 10%, it is **95B624**.

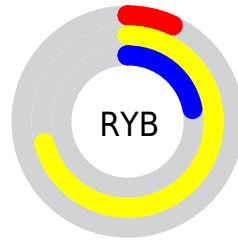
Distribution



Red (57%)

Green (71%)

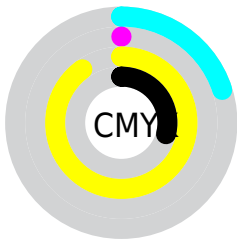
Blue (7%)



Red (7%)

Yellow (71%)

Blue (22%)

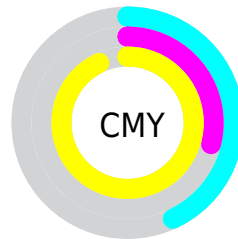


Cyan (20%)

Magenta (0%)

Yellow (90%)

Black (29%)



Cyan (43%)

Magenta (29%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91B612 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 91B612 by changing the saturation by 10% instead.

 91B612

 91B612

FFFFFF

 759B00

 CBEE54

 598100

 E8FF71

 3E6800

 FFFF8D

 214F00

 FFFFA9

 003800

 FFFFC6

 002400

 FFFF E3

 000000

 91B612

 91B612

 8DB600

 95B624

 99B636

 9DB649

 A1B65B

 A6B66D

 AAB67F

 AEB691

 B2B6A4

 B6B6B6

Harmonies

Analogous

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



D2A200



91B612



22C256

Triad

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



91B612



00C2FF



FF64B6

Complementary

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



91B612



3712B6

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.



F07BF7



91B612



00B4FF

Square

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



91B612



00C8E1



929BFF



FF6A73

Rectangle

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



91B612



00C684



929BFF



FF69CD

Sweetspot

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



91B612



DFEDAD



B63612



6F7851



F7F7F7



787878

Same Dimension

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



91B612



B8ED00



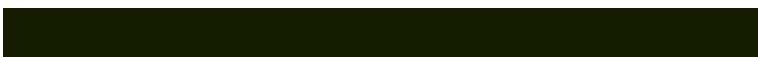
40B612



5A5C53



789C00



161C00

Inverse Universe

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



3712B6



3600ED



8812B6



55535C



23009C



06001C

Previews

White Background



This preview shows how the Hex color 91B612 looks on a white background.

Color Contrast Check

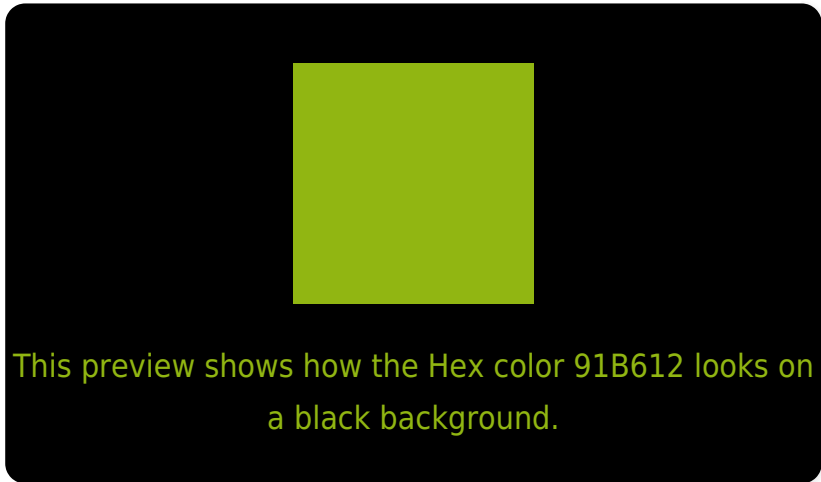
Large Text (above 18pt) WCAG AA × Fail

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 91B612 Background



This preview shows how black text looks on a background with the Hex color 91B612.



This preview shows how white text looks on a background with the Hex color 91B612.

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
91B612

Protanopia
BEA90C

Deuteranopia
D4A025



Tritanopia
A0A9B7

Trichromacy



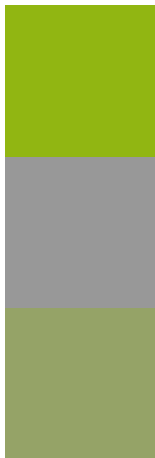
Original Color
91B612

Protanomaly
AEAE0E

Deuteranomaly
BCA81E

Tritanomaly
9BAE7B

Monochromacy



Original Color
91B612

Achromatopsia
989898

Achromatomaly
95A367

CSS Examples

Text

The CSS property to change the color of the text to Hex 91B612 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 #91B612 looks like.

```
.text, #text, p{  
    color:#91B612  
}
```

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 #91B612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B612
}
```

Border

The CSS property to change the border of an element to Hex 91B612 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
#91B612 }
```

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

```
.border{ border-color:#91B612 }
```

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

Here you see how a box with a 4 pixel #91B612 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B612; -webkit-box-shadow:4px 4px  
4px 4px #91B612; box-shadow:4px 4px 4px  
4px #91B612 }
```

Background

The CSS property to change the background color of an element to Hex 91B612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B612 }
```

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

```
.background{ background-color:#91B612 }
```

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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