

Converting Colors

Hex(90B957)

Have a look what the booklet for
Hex(90B957) contains.

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Color

Hex(90B957)

Conversions

Conversions Part 1

Format	Color
Hex	90B957
RGB	144, 185, 87
RGB Percent	56%, 73%, 34%
CMY	0.4353, 0.2745, 0.6588
CMYK	0.22, 0.00, 0.53, 0.27
HSL	85°, 41%, 53%
HSV	85°, 53%, 73%
XYZ	30.5709, 41.3153, 15.3802
YIQ	161.5690, 7.0220, -39.1700

Conversions

Conversions Part 2

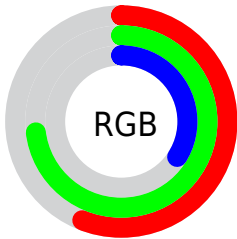
Format	Color
RYB	87, 185, 128
Decimal	9484631
CIELab	70.40, -29.82, 44.80
CIELCh	70, 53.817, 123.648
Yxy	41.3153, 0.3503, 0.4734
Android (android.graphics.Color)	4287674711 (0xFF90B957)
YUV	161.5690, -36.7625, -15.4080
Hunter-Lab	64.2770, -27.5882, 30.8070

Details

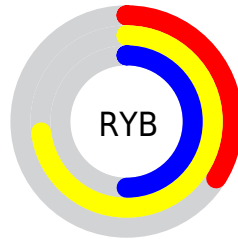
The Hex color **90B957** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8057B9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C8F18B**, and **5B8424** is the 20% darker color. If you saturate the color by 10%, you get **88B945**, and if you desaturate by 10%, it is **98B96A**.

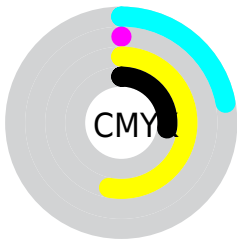
Distribution



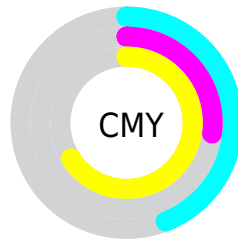
- Red (56%)
- Green (73%)
- Blue (34%)



- Red (34%)
- Yellow (73%)
- Blue (50%)



- Cyan (22%)
- Magenta (0%)
- Yellow (53%)
- Black (27%)



- Cyan (44%)
- Magenta (27%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90B957 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 90B957 by changing the saturation by 10% instead.

 90B957

 90B957

FFFFFF

 759E3E

 C8F18B

 5B8424

 E4FFA6

 416A05

 FFFFC2

 275200

 FFFFDF

 0A3A00

 FFFFFC

 002500

 000300

 000000

 90B957

 90B957

 88B945

 98B96A

 81B932

 9FB97C

 79B920

 A7B98F

 71B90D

 AFB9A1

 6CB900

 B7B9B4

 BEB9C6

 C6B9D9

 CEB9EB

 D6B9FD

Harmonies

Analogous

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



C3AB46



90B957



4CC17F

Triad

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



90B957



00BDFE



FF82A8

Complementary

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



90B957



8057B9

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.



ED8AD8



90B957



5CAFFF

Square

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



90B957



00C3E1



B79DFE



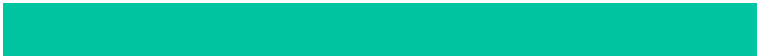
FF8979

Rectangle

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



90B957



00C4A0



B79DFE



FF83B9

Sweetspot

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



90B957



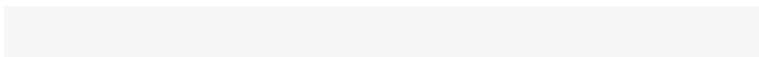
E0F0C9



B98057



6E7861



F7F7F7



787878

Same Dimension

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



90B957



B0F056



5FB957



585C53



5A9C00



101C00

Inverse Universe

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



8057B9



9656F0



B157B9



56535C



41009C



0C001C

Previews

White Background



This preview shows how the Hex color 90B957 looks on a white background.

Color Contrast Check

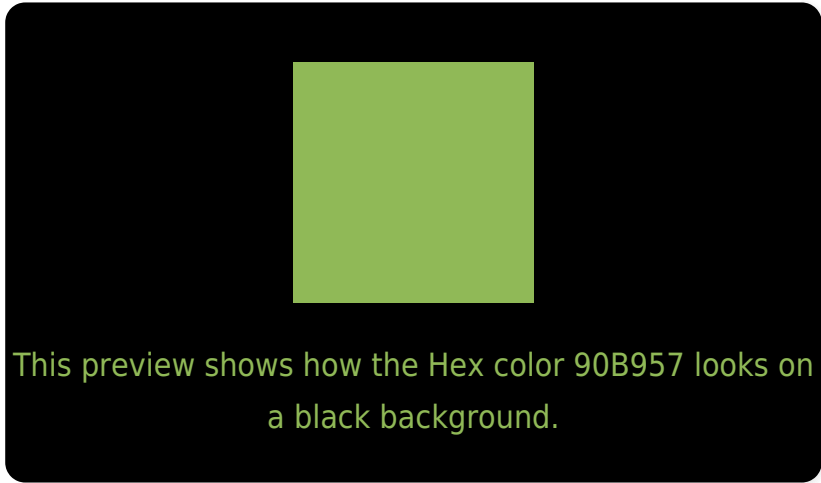
Large Text (above 18pt) WCAG AA × Fail

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 90B957 Background



This preview shows how black text looks on a background with the Hex color 90B957.

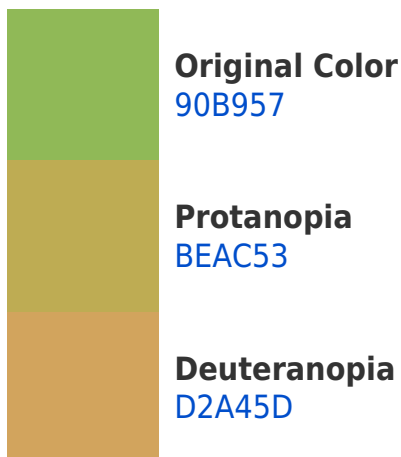


This preview shows how white text looks on a background with the Hex color 90B957.

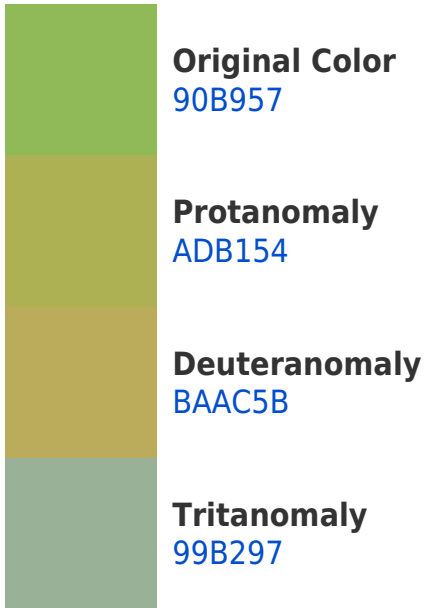
Color Blindness Simulation

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](#).

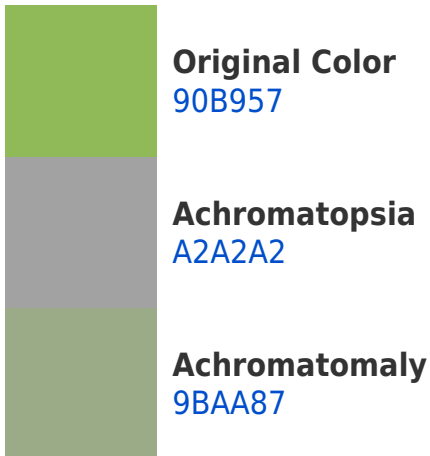
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90B957 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 #90B957 looks like.

```
.text, #text, p{  
    color:#90B957  
}
```

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 #90B957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B957
}
```

Border

The CSS property to change the border of an element to Hex 90B957 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
#90B957 }
```

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

```
.border{ border-color:#90B957 }
```

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

Here you see how a box with a 4 pixel #90B957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B957; -webkit-box-shadow:4px 4px  
4px 4px #90B957; box-shadow:4px 4px 4px  
4px #90B957 }
```

Background

The CSS property to change the background color of an element to Hex 90B957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B957 }
```

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

```
.background{ background-color:#90B957 }
```

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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