

Converting Colors

Hex(90B265)

Have a look what the booklet for
Hex(90B265) contains.

Hex(90B265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90B265)

Conversions

Conversions Part 1

Format	Color
Hex	90B265
RGB	144, 178, 101
RGB Percent	56%, 70%, 40%
CMY	0.4353, 0.3020, 0.6039
CMYK	0.19, 0.00, 0.43, 0.30
HSL	86°, 33%, 55%
HSV	86°, 43%, 70%
XYZ	29.7710, 38.7097, 18.2145
YIQ	159.0560, 4.4530, -31.1550

Conversions

Conversions Part 2

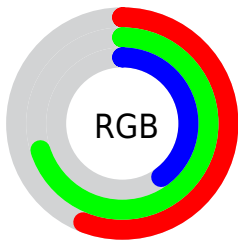
Format	Color
RYB	101, 178, 135
Decimal	9482853
CIELab	68.54, -24.83, 35.56
CIELCh	69, 43.373, 124.931
Yxy	38.7097, 0.3434, 0.4465
Android (android.graphics.Color)	4287672933 (0xFF90B265)
YUV	159.0560, -28.6216, -13.2041
Hunter-Lab	62.2171, -23.4674, 26.1944

Details

The Hex color **90B265** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8765B2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C7EA99**, and **5C7D34** is the 20% darker color. If you saturate the color by 10%, you get **88B253**, and if you desaturate by 10%, it is **98B277**.

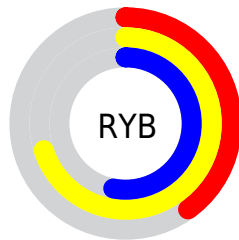
Distribution



Red (56%)

Green (70%)

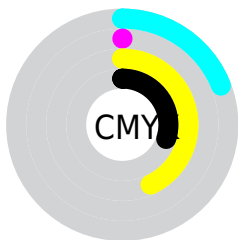
Blue (40%)



Red (40%)

Yellow (70%)

Blue (53%)

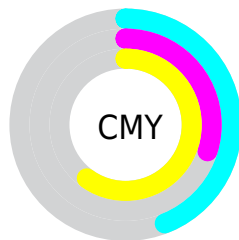


Cyan (19%)

Magenta (0%)

Yellow (43%)

Black (30%)



Cyan (44%)

Magenta (30%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90B265 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 90B265 by changing the saturation by 10% instead.

 90B265

 90B265

FFFFFF

 76974C

 C7EA99

 5C7D34

 E3FFB4

 43641C

 FFFFD0

 2A4C02

 FFFFED

 133500

 002100

 000000

 90B265

 90B265

 88B253

 98B277

 80B241

 A0B289

 78B230

 A8B29A

 71B21E

 AFB2AC

 69B20C

 B7B2BE

 63B200

 BFB2D0

 C7B2E2

 CFB2F3

 D7B2FF

Harmonies

Analogous

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



B9A757



90B265



5EB985

Triad

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



90B265



00B4ED



F187A2

Complementary

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



90B265



8765B2

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.



DD8DC9



90B265



75A9F5

Square

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



90B265



00BAD3



B39AE8



EF8D7C

Rectangle

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



90B265



2EBB9F



B39AE8



ED88AF

Sweetspot

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



90B265



DBE8CA



B28665



6D7563



F5F5F5



757575

Same Dimension

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



90B265



B3E86F



6AB265



555950



559900



0E1A00

Inverse Universe

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



8765B2



A56FE8



AD65B2



545059



440099



0B001A

Previews

White Background



This preview shows how the Hex color 90B265 looks on a white background.

Color Contrast Check

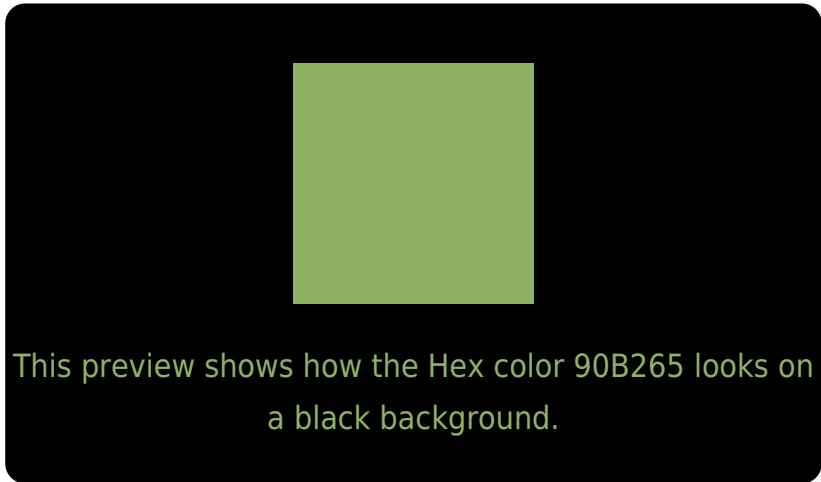
Large Text (above 18pt) WCAG AA × Fail

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

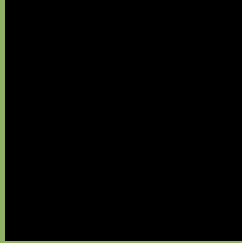
Any Text WCAG AA ✓ Pass

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 90B265 Background



This preview shows how black text looks on a background with the Hex color 90B265.



This preview shows how white text looks on a background with the Hex color 90B265.

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](#).

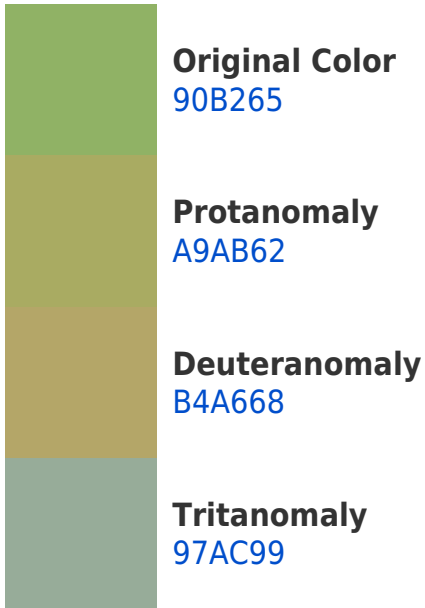
Dichromacy



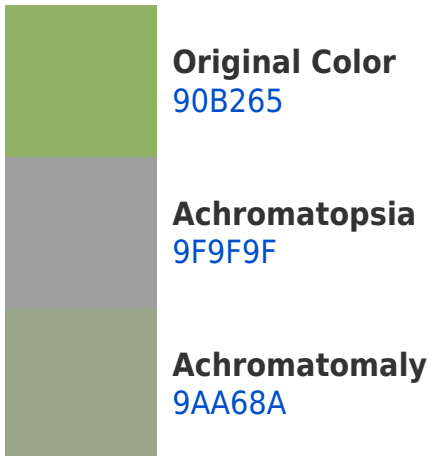


Tritanopia
9BA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90B265 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 #90B265 looks like.

```
.text, #text, p{  
    color:#90B265  
}
```

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 #90B265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B265
}
```

Border

The CSS property to change the border of an element to Hex 90B265 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
#90B265 }
```

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

```
.border{ border-color:#90B265 }
```

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

Here you see how a box with a 4 pixel #90B265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B265; -webkit-box-shadow:4px 4px  
4px 4px #90B265; box-shadow:4px 4px 4px  
4px #90B265 }
```

Background

The CSS property to change the background color of an element to Hex 90B265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B265 }
```

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

```
.background{ background-color:#90B265 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor