

Converting Colors

Hex(90B053)

Have a look what the booklet for
Hex(90B053) contains.

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Color

Hex(90B053)

Conversions

Conversions Part 1

Format	Color
Hex	90B053
RGB	144, 176, 83
RGB Percent	56%, 69%, 33%
CMY	0.4353, 0.3098, 0.6745
CMYK	0.18, 0.00, 0.53, 0.31
HSL	81°, 37%, 51%
HSV	81°, 53%, 69%
XYZ	28.5883, 37.6045, 13.9352
YIQ	155.8300, 10.7810, -35.7070

Conversions

Conversions Part 2

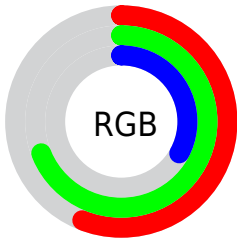
Format	Color
RYB	83, 176, 115
Decimal	9482323
CIELab	67.73, -25.89, 43.57
CIELCh	68, 50.681, 120.720
Yxy	37.6045, 0.3568, 0.4693
Android (android.graphics.Color)	4287672403 (0xFF90B053)
YUV	155.8300, -35.9052, -10.3749
Hunter-Lab	61.3225, -24.0985, 29.4524

Details

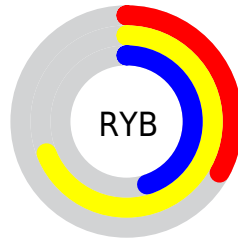
The Hex color **90B053** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7353B0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C8E887**, and **5B7B20** is the 20% darker color. If you saturate the color by 10%, you get **8AB041**, and if you desaturate by 10%, it is **96B065**.

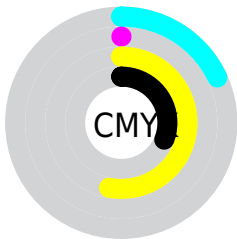
Distribution



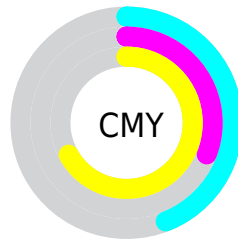
- Red (56%)
- Green (69%)
- Blue (33%)



- Red (33%)
- Yellow (69%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (53%)
- Black (31%)



- Cyan (44%)
- Magenta (31%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90B053 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 90B053 by changing the saturation by 10% instead.



90B053



90B053

FFFFFF



75953A



C8E887



5B7B20



E4FFA2



426201



FFFFBD



294A00



FFFFDA



0E3300



FFFFF7



002000



000000



90B053



90B053



8AB041



96B065

 84B030

 9CB076

 7EB01E

 A2B088

 78B00D

 A8B099

 73B000

 AEB0AB

 B4B0BD

 BAB0CE

 C0B0E0

 C7B0F1

Harmonies

Analogous

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



BFA346



90B053



54B876

Triad

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



90B053



00B5F4



F87EA6

Complementary

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



90B053



7353B0

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.



DE87D2



90B053



51A9FF

Square

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



90B053



00BBD2



A999F4



F88379

Rectangle

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



90B053



00BB95



A999F4



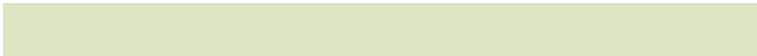
F280B5

Sweetspot

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



90B053



D9E6C1



B07253



6B735D



F2F2F2



737373

Same Dimension

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



90B053



B4E655



62B053



565950



649900



111A00

Inverse Universe

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



7353B0



8755E6



A153B0



535059



350099



09001A

Previews

White Background



This preview shows how the Hex color 90B053 looks on a white background.

Color Contrast Check

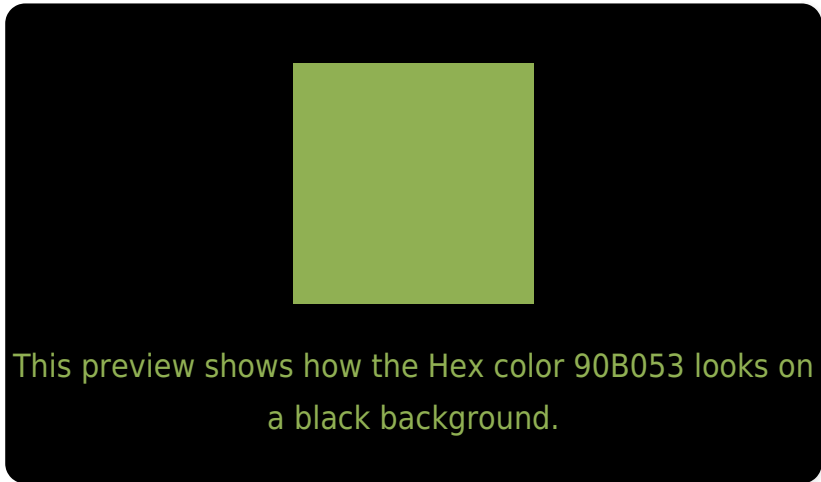
Large Text (above 18pt) WCAG AA × Fail

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 90B053 Background



This preview shows how black text looks on a background with the Hex color 90B053.

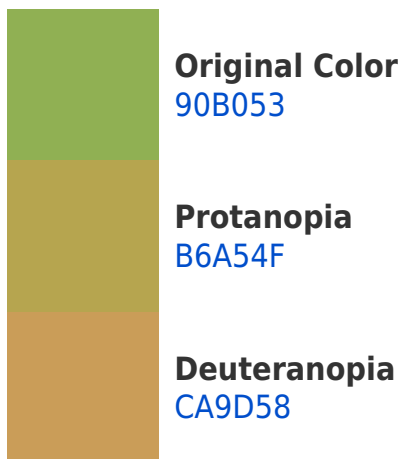


This preview shows how white text looks on a background with the Hex color 90B053.

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](#).

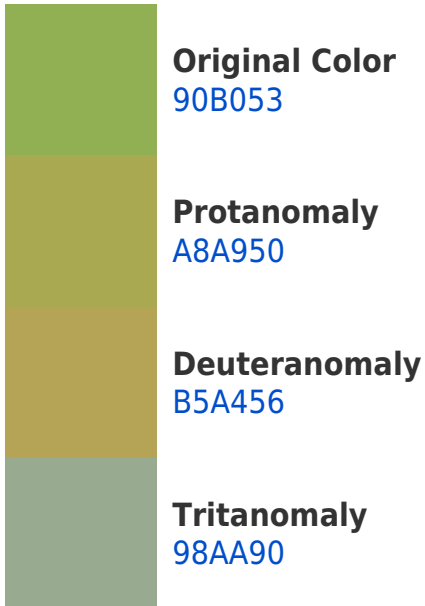
Dichromacy



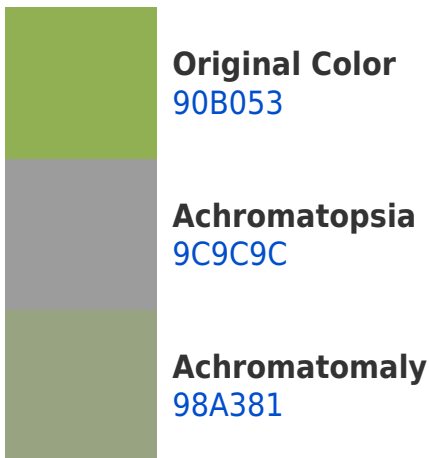


Tritanopia
9CA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90B053 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 #90B053 looks like.

```
.text, #text, p{  
    color:#90B053  
}
```

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 #90B053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B053
}
```

Border

The CSS property to change the border of an element to Hex 90B053 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
#90B053 }
```

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

```
.border{ border-color:#90B053 }
```

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

Here you see how a box with a 4 pixel #90B053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B053; -webkit-box-shadow:4px 4px  
4px 4px #90B053; box-shadow:4px 4px 4px  
4px #90B053 }
```

Background

The CSS property to change the background color of an element to Hex 90B053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B053 }
```

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

```
.background{ background-color:#90B053 }
```

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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