

Converting Colors

Hex(90AF53)

Have a look what the booklet for
Hex(90AF53) contains.

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Color

Hex(90AF53)

Conversions

Conversions Part 1

Format	Color
Hex	90AF53
RGB	144, 175, 83
RGB Percent	56%, 69%, 33%
CMY	0.4353, 0.3137, 0.6745
CMYK	0.18, 0.00, 0.53, 0.31
HSL	80°, 37%, 51%
HSV	80°, 53%, 69%
XYZ	28.3929, 37.2138, 13.8701
YIQ	155.2430, 11.0560, -35.1840

Conversions

Conversions Part 2

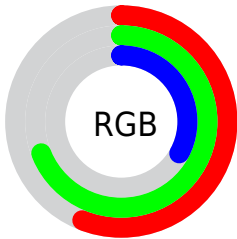
Format	Color
RYB	83, 175, 114
Decimal	9482067
CIELab	67.44, -25.40, 43.22
CIELCh	67, 50.136, 120.441
Yxy	37.2138, 0.3572, 0.4682
Android (android.graphics.Color)	4287672147 (0xFF90AF53)
YUV	155.2430, -35.6158, -9.8601
Hunter-Lab	61.0031, -23.6755, 29.2215

Details

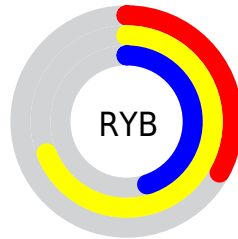
The Hex color **90AF53** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7253AF**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C7E787**, and **5B7A20** is the 20% darker color. If you saturate the color by 10%, you get **8AAF42**, and if you desaturate by 10%, it is **96AF65**.

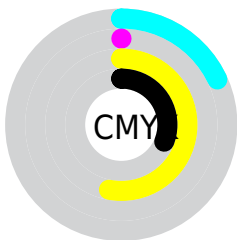
Distribution



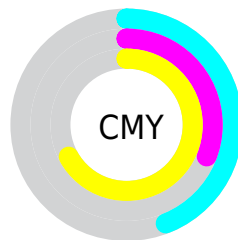
- Red (56%)
- Green (69%)
- Blue (33%)



- 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 90AF53 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 90AF53 by changing the saturation by 10% instead.



90AF53



90AF53

FFFFFF



75943A



C7E787



5B7A20



E4FFA2



426102



FFFFBD



294900



FFFFDA



0E3300



FFFFF6



001F00



000000



90AF53



90AF53



8AAF42



96AF65

 84AF30

 9CAF76

 7EAF1E

 A2AF88

 78AF0D

 A8AF99

 74AF00

 ADAFAB

 B3AFBC

 B9AFCE

 BFAFDf

 C5AFF1

Harmonies

Analogous

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



BEA247



90AF53



55B776

Triad

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



90AF53



00B4F2



F67EA5

Complementary

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



90AF53



7253AF

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.



DC87D2



90AF53



51A9FE

Square

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



90AF53



00BAD1



A898F2



F78379

Rectangle

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



90AF53



00BA94



A898F2



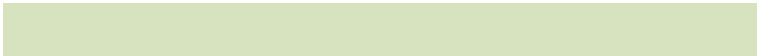
F17FB5

Sweetspot

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



90AF53



D7E3BF



AF7253



6B735D



F2F2F2



737373

Same Dimension

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



90AF53



B3E354



62AF53



54574E



649600



0F1700

Inverse Universe

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



7253AF



8454E3



A053AF



514E57



330096



080017

Previews

White Background



This preview shows how the Hex color 90AF53 looks on a white background.

Color Contrast Check

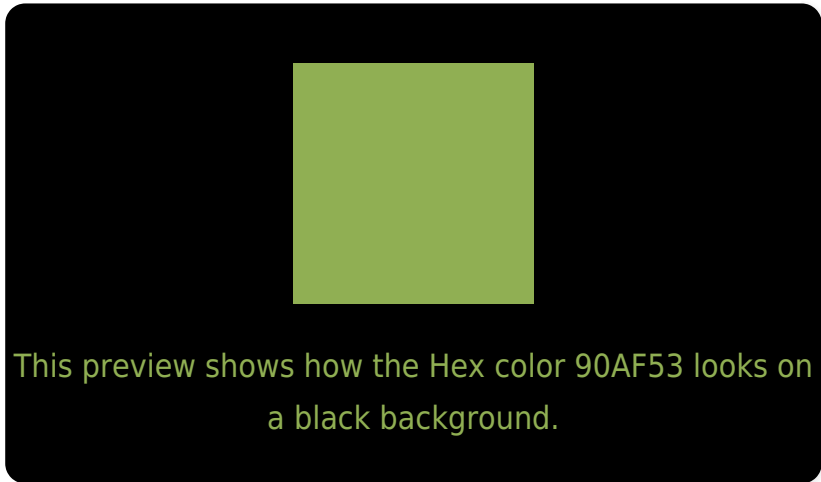
Large Text (above 18pt) WCAG AA × Fail

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 90AF53 Background



This preview shows how black text looks on a background with the Hex color 90AF53.



This preview shows how white text looks on a background with the Hex color 90AF53.

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
90AF53

Protanopia
B5A44F

Deuteranopia
C99C58



Tritanopia
9CA5B2

Trichromacy



Original Color
90AF53

Protanomaly
A8A850

Deuteranomaly
B4A356

Tritanomaly
98A98F

Monochromacy



Original Color
90AF53

Achromatopsia
9B9B9B

Achromatomaly
97A281

CSS Examples

Text

The CSS property to change the color of the text to Hex 90AF53 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 #90AF53 looks like.

```
.text, #text, p{  
    color:#90AF53  
}
```

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 #90AF53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AF53
}
```

Border

The CSS property to change the border of an element to Hex 90AF53 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
#90AF53 }
```

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

```
.border{ border-color:#90AF53 }
```

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

Here you see how a box with a 4 pixel #90AF53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AF53; -webkit-box-shadow:4px 4px  
4px 4px #90AF53; box-shadow:4px 4px 4px  
4px #90AF53 }
```

Background

The CSS property to change the background color of an element to Hex 90AF53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AF53 }
```

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

```
.background{ background-color:#90AF53 }
```

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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