

Converting Colors

Hex(90813A)

Have a look what the booklet for
Hex(90813A) contains.

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Color

Hex(90813A)

Conversions

Conversions Part 1

Format	Color
Hex	90813A
RGB	144, 129, 58
RGB Percent	56%, 51%, 23%
CMY	0.4353, 0.4941, 0.7725
CMYK	0.00, 0.10, 0.60, 0.44
HSL	50°, 43%, 40%
HSV	50°, 60%, 56%
XYZ	20.1156, 21.9353, 7.1767
YIQ	125.3910, 31.7310, -18.9010

Conversions

Conversions Part 2

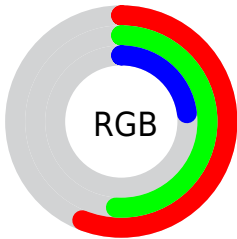
Format	Color
R_{YB}	76, 144, 58
Decimal	9470266
CIE _{Lab}	53.96, -3.58, 39.83
CIE _{LCh}	54, 39.989, 95.133
Yxy	21.9353, 0.4086, 0.4456
Android (android.graphics.Color)	4287660346 (0xFF90813A)
YUV	125.3910, -33.2238, 16.3201
Hunter-Lab	46.8351, -5.2962, 23.6994

Details

The Hex color **90813A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **3A4990**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C8B66C**, and **5B5007** is the 20% darker color. If you saturate the color by 10%, you get **907E2C**, and if you desaturate by 10%, it is **908448**.

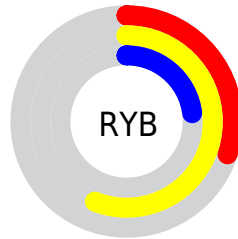
Distribution



Red (56%)

Green (51%)

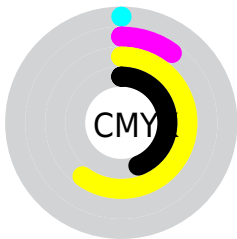
Blue (23%)



Red (30%)

Yellow (56%)

Blue (23%)

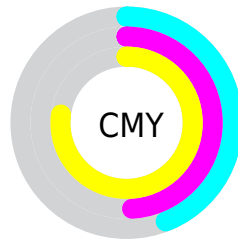


Cyan (0%)

Magenta (10%)

Yellow (60%)

Black (44%)



Cyan (44%)

Magenta (49%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90813A 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 90813A by changing the saturation by 10% instead.

 90813A

 90813A

FFFFFF

 756822

 C8B66C

 5B5007

 E5D186

 423900

 FFEDA0

 292400

 FFFFBC

 0D1000

 FFFFD8

 000000

 FFFFF5

 90813A

 90813A

 907E2C

 908448

■ 907C1D

■ 908657

■ 90790F

■ 908965

■ 907700

■ 908B74

■ 908E82

■ 909090

■ 90939F

■ 9095AD

■ 9098BC

Harmonies

Analogous

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



AD7542



90813A



6C8A47

Triad

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



90813A



0091A8



B0699F

Complementary

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



90813A



3A4990

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.



8C76BA



90813A



008CBF

Square

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



90813A



009386



5183C5



C1647C

Rectangle

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



90813A



4F8F58



5183C5



A66DA9

Sweetspot

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



90813A



BAB499



903A4A



5E5B4A



DEDEDE



5E5E5E

Same Dimension

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



90813A



BAA334



75903A



474640



877000



080600

Inverse Universe

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



3A4990



344BBA



553A90



404247



001887



000108

Previews

White Background



This preview shows how the Hex color 90813A looks on a white background.

Color Contrast Check

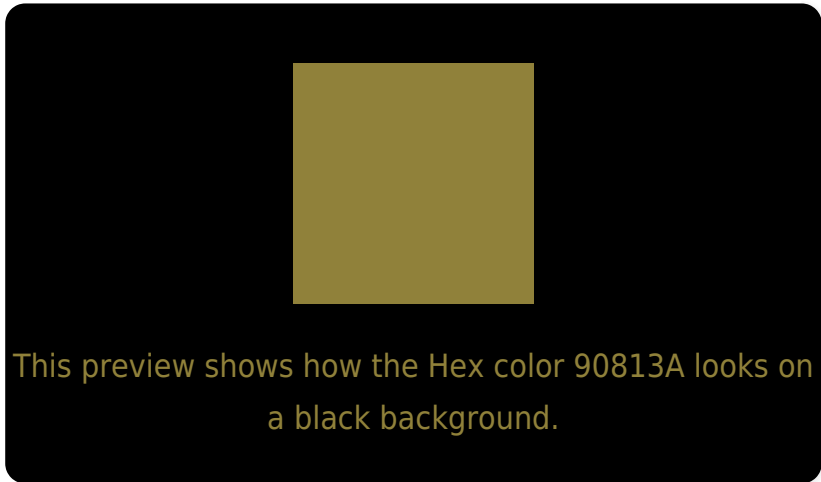
Large Text (above 18pt) WCAG AA ✓ Pass

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

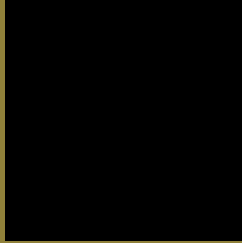
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 90813A Background



This preview shows how black text looks on a background with the Hex color 90813A.



This preview shows how white text looks on a background with the Hex color 90813A.

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
90813A

Protanopia
8F813A

Deuteranopia
A07B3C



Tritanopia
967983

Trichromacy



Original Color
90813A

Protanomaly
8F813A

Deuteranomaly
9A7D3B

Tritanomaly
947C68

Monochromacy



Original Color
90813A

Achromatopsia
7D7D7D

Achromatomaly
847E65

CSS Examples

Text

The CSS property to change the color of the text to Hex 90813A 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 #90813A looks like.

```
.text, #text, p{  
    color:#90813A  
}
```

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 #90813A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90813A
}
```

Border

The CSS property to change the border of an element to Hex 90813A 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
#90813A }
```

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

```
.border{ border-color:#90813A }
```

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

Here you see how a box with a 4 pixel #90813A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90813A; -webkit-box-shadow:4px 4px  
4px 4px #90813A; box-shadow:4px 4px 4px  
4px #90813A }
```

Background

The CSS property to change the background color of an element to Hex 90813A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90813A }
```

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

```
.background{ background-color:#90813A }
```

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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