

Converting Colors

Hex(90A453)

Have a look what the booklet for
Hex(90A453) contains.

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Color

Hex(90A453)

Conversions

Conversions Part 1

Format	Color
Hex	90A453
RGB	144, 164, 83
RGB Percent	56%, 64%, 33%
CMY	0.4353, 0.3569, 0.6745
CMYK	0.12, 0.00, 0.49, 0.36
HSL	75°, 33%, 48%
HSV	75°, 49%, 64%
XYZ	26.3384, 33.1047, 13.1853
YIQ	148.7860, 14.0810, -29.4310

Conversions

Conversions Part 2

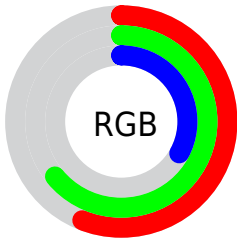
Format	Color
RYB	83, 164, 103
Decimal	9479251
CIELab	64.25, -19.91, 39.41
CIELCh	64, 44.150, 116.804
Yxy	33.1047, 0.3626, 0.4558
Android (android.graphics.Color)	4287669331 (0xFF90A453)
YUV	148.7860, -32.4325, -4.1973
Hunter-Lab	57.5367, -18.9779, 26.6886

Details

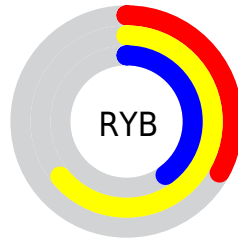
The Hex color **90A453** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6753A4**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C7DB86**, and **5C7022** is the 20% darker color. If you saturate the color by 10%, you get **8CA443**, and if you desaturate by 10%, it is **94A463**.

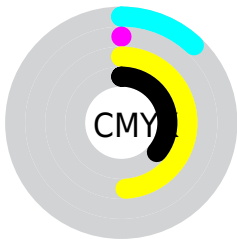
Distribution



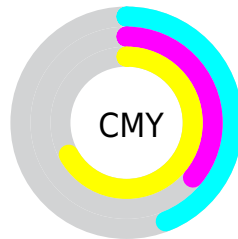
- Red (56%)
- Green (64%)
- Blue (33%)



- Red (33%)
- Yellow (64%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (49%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90A453 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 90A453 by changing the saturation by 10% instead.



90A453



90A453

FFFFFF



758A3A



C7DB86



5C7022



E4F7A1



435806



FFFFBD



2B4000



FFFFD9



122A00



FFFFF5



001700



000000



90A453



90A453



8CA443



94A463

 88A432

 98A474

 84A422

 9CA484

 80A411

 A0A495

 7CA401

 A4A4A5

 7CA400

 A8A4B5

 ACA4C6

 B0A4D6

 B4A4E7

Harmonies

Analogous

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



B7984B



90A453



60AC6F

Triad

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



90A453



00ABDD



E27CA2

Complementary

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



90A453



6753A4

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.



C984C7



90A453



4EA1EA

Square

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



90A453



00AFBE



9893E2



E67E7A

Rectangle

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



90A453



33AF88



9893E2



DC7DAF

Sweetspot

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



90A453



CED6B6



A46653



666B58



EBEBEB



6B6B6B

Same Dimension

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



90A453



B7D658



69A453



505249



6D9100



0D1200

Inverse Universe

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



6753A4



7758D6



8E53A4



4B4952



240091



040012

Previews

White Background



This preview shows how the Hex color 90A453 looks on a white background.

Color Contrast Check

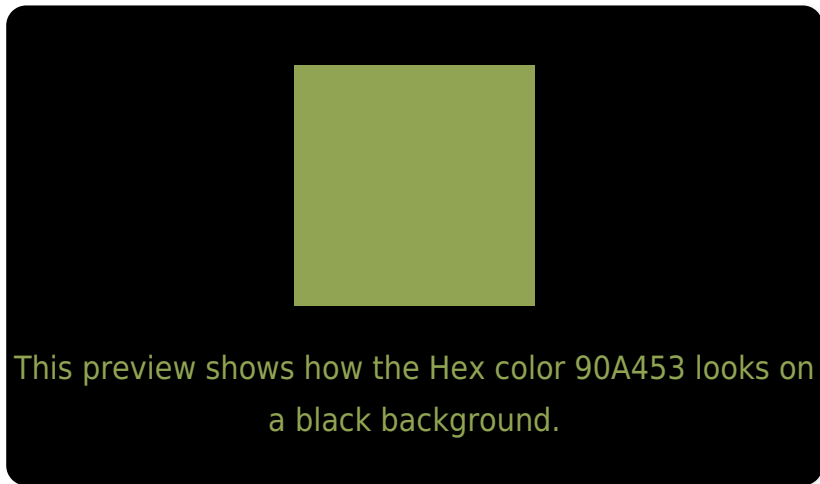
Large Text (above 18pt) WCAG AA × Fail

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 90A453 Background



This preview shows how black text looks on a background with the Hex color 90A453.



This preview shows how white text looks on a background with the Hex color 90A453.

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
90A453

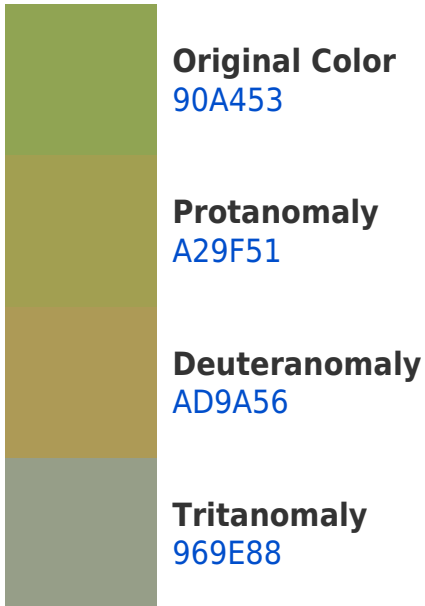
Protanopia
AC9C50

Deuteranopia
BE9457

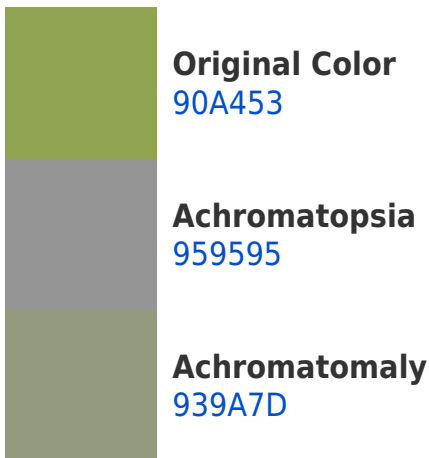


Tritanopia
9A9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90A453 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 #90A453 looks like.

```
.text, #text, p{  
    color:#90A453  
}
```

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 #90A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A53  
}
```

Border

The CSS property to change the border of an element to Hex 90A53 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  
#90A53 }
```

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

```
.border{ border-color:#90A453 }
```

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

Here you see how a box with a 4 pixel #90A453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A453; -webkit-box-shadow:4px 4px  
4px 4px #90A453; box-shadow:4px 4px 4px  
4px #90A453 }
```

Background

The CSS property to change the background color of an element to Hex 90A453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A453 }
```

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

```
.background{ background-color:#90A453 }
```

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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