

# Converting Colors

Hex(90AB24)

Have a look what the booklet for  
Hex(90AB24) contains.

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**Color**

**Hex(90AB24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90AB24
RGB	144, 171, 36
RGB Percent	56%, 67%, 14%
CMY	0.4353, 0.3294, 0.8588
CMYK	0.16, 0.00, 0.79, 0.33
HSL	72°, 65%, 41%
HSV	72°, 79%, 67%
XYZ	26.3829, 35.1825, 7.0694
YIQ	147.5370, 27.2430, -47.7090

# Conversions

## Conversions Part 2

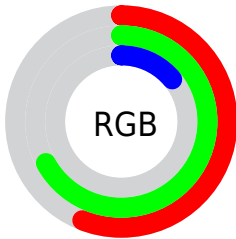
Format	Color
<a href="#">RYB</a>	<a href="#">36, 171, 63</a>
Decimal	<a href="#">9480996</a>
CIELab	<a href="#">65.89, -26.82, 60.81</a>
CIELCh	<a href="#">66, 66.456, 113.798</a>
Yxy	<a href="#">35.1825, 0.3844, 0.5126</a>
Android (android.graphics.Color)	<a href="#">4287671076 (0xFF90AB24)</a>
YUV	<a href="#">147.5370, -54.9877, -3.1019</a>
Hunter-Lab	<a href="#">59.3148, -24.4050, 34.4539</a>

# Details

The Hex color **90AB24** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3F24AB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C9E25D**, and **597700** is the 20% darker color. If you saturate the color by 10%, you get **8DAB13**, and if you desaturate by 10%, it is **93AB35**.

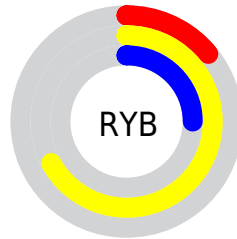
# Distribution



Red (56%)

Green (67%)

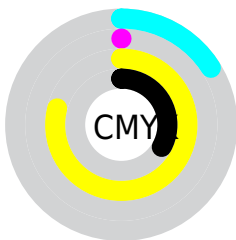
Blue (14%)



Red (14%)

Yellow (67%)

Blue (25%)

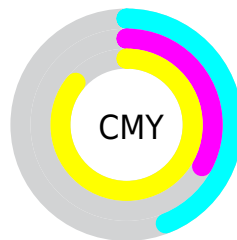


Cyan (16%)

Magenta (0%)

Yellow (79%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90AB24 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 90AB24 by changing the saturation by 10% instead.



 90AB24

 90AB24

FFFFFF

 749000

 C9E25D

 597700

 E6FF78

 3F5E00

 FFFF94

 234600

 FFFF80

 053000

 FFFFCC

 001D00

 FFFF99

 000000

 90AB24

 90AB24

 8DAB13

 93AB35

 89AB02

 97AB46

 89AB00

 9AAB57

 9EAB68

 A1AB7A

 A5AB8B

 A8AB9C

 ABABAD

 AFABBE

# Harmonies

## Analogous

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



C99918



90AB24



3EB656

# Triad

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



90AB24



00B7FF



FF67AF

# Complementary

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



90AB24



3F24AB

# 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.



DC7BE7



90AB24



00ABFF

# Square

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



90AB24



00BCCF



8996FF



FF6B74

# Rectangle

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



90AB24



00BA7D



8996FF



FB6CC3



# Sweetspot

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



90AB24



D3DEA9



AB3F24



6A7050



F0F0F0



707070



# Same Dimension

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



90AB24



B4DE0B



4FAB24



55574E



789600



121700



# Inverse Universe

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



3F24AB



350BDE



8324AB



504E57



1E0096



050017



# Previews

## White Background



This preview shows how the Hex color 90AB24 looks on a white background.

## Color Contrast Check

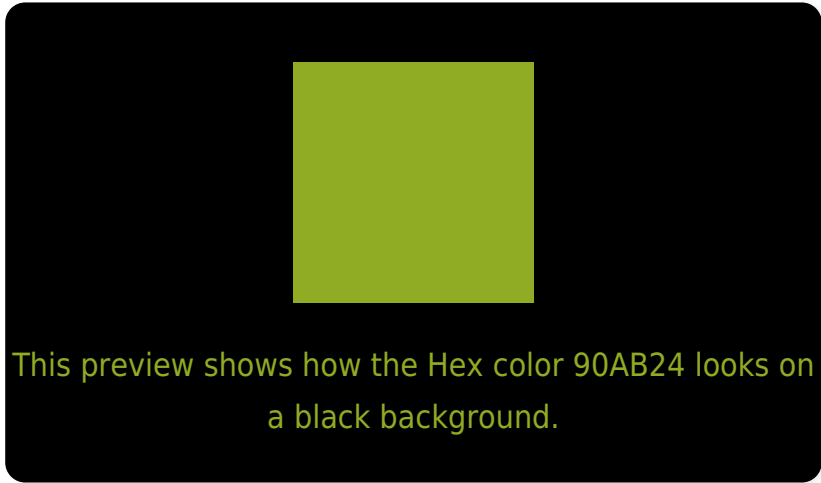
Large Text (above 18pt) WCAG AA × Fail

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 90AB24 Background



This preview shows how black text looks on a background with the Hex color 90AB24.

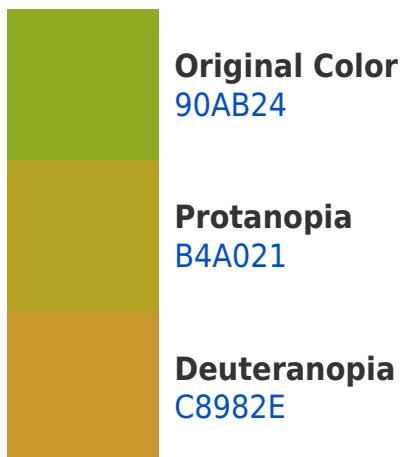


This preview shows how white text looks on a background with the Hex color 90AB24.

# 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](#).

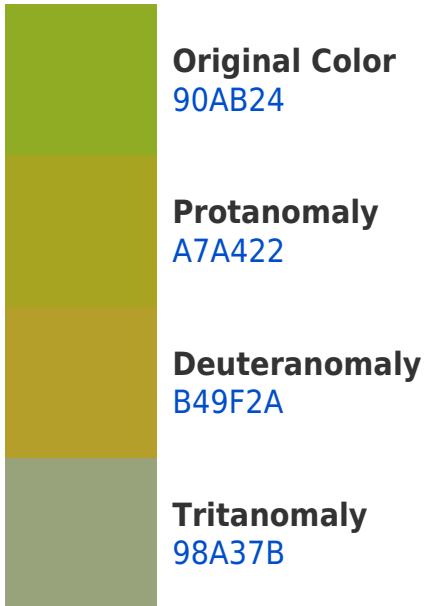
## Dichromacy



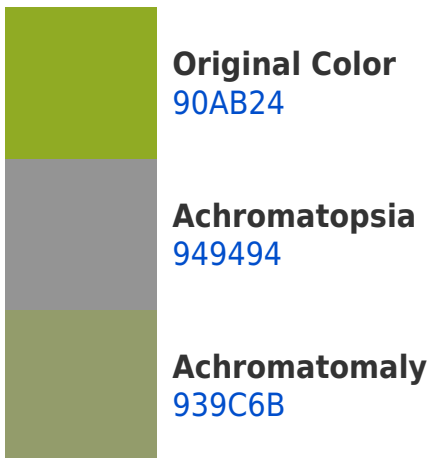


**Tritanopia**  
9D9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90AB24 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 #90AB24 looks like.

```
.text, #text, p{  
    color:#90AB24  
}
```

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 #90AB24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AB24
}
```

## Border

The CSS property to change the border of an element to Hex 90AB24 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
#90AB24 }
```

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

```
.border{ border-color:#90AB24 }
```

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

Here you see how a box with a 4 pixel #90AB24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AB24; -webkit-box-shadow:4px 4px  
4px 4px #90AB24; box-shadow:4px 4px 4px  
4px #90AB24 }
```

# Background

The CSS property to change the background color of an element to Hex 90AB24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AB24 }
```

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

```
.background{ background-color:#90AB24 }
```

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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