

# Converting Colors

Hex(9FB224)

Have a look what the booklet for  
Hex(9FB224) contains.

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**Color**

**Hex(9FB224)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9FB224                      |
| RGB         | 159, 178, 36                |
| RGB Percent | 62%, 70%, 14%               |
| CMY         | 0.3765, 0.3020, 0.8588      |
| CMYK        | 0.11, 0.00, 0.80, 0.30      |
| HSL         | 68°, 66%, 42%               |
| HSV         | 68°, 80%, 70%               |
| XYZ         | 30.5369, 39.3391, 7.6528    |
| YIQ         | 156.1310, 34.2580, -48.1900 |

# Conversions

## Conversions Part 2

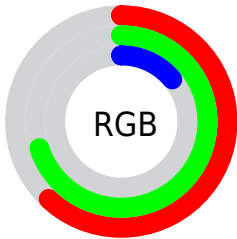
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 36, 178, 55                   |
| Decimal                             | 10465828                      |
| CIE <sub>Lab</sub>                  | 69.00, -23.91, 64.01          |
| CIE <sub>LCh</sub>                  | 69, 68.328, 110.484           |
| Yxy                                 | 39.3391, 0.3939,<br>0.5074    |
| Android<br>(android.graphics.Color) | 4288655908<br>(0xFF9FB224)    |
| <b>YUV</b>                          | 156.1310, -59.2246,<br>2.5161 |
| Hunter-Lab                          | 62.7209, -22.8553,<br>36.6704 |

# Details

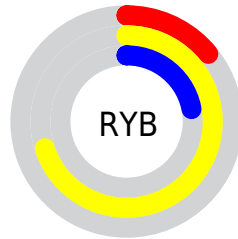
The Hex color **9FB224** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3724B2**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D9EA5E**, and **677D00** is the 20% darker color. If you saturate the color by 10%, you get **9DB212**, and if you desaturate by 10%, it is **A1B236**.

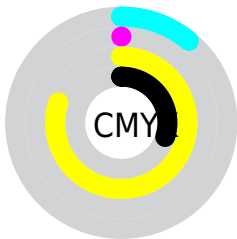
# Distribution



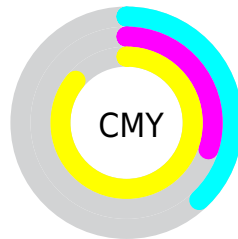
- Red (62%)
- Green (70%)
- Blue (14%)



- Red (14%)
- Yellow (70%)
- Blue (22%)



- Cyan (11%)
- Magenta (0%)
- Yellow (80%)
- Black (30%)



- Cyan (38%)
- Magenta (30%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FB224 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 9FB224 by changing the saturation by 10% instead.





9FB224



9FB224

FFFFFF



839700



D9EA5E



677D00



F6FF7A



4D6400



FFF96



324D00



FFFB2



163600



FFFC



002100



FFFE



000000



9FB224



9FB224



9DB212



A1B236

 9AB200

 A4B248

 A6B259

 A9B26B

 ABB27D

 ADB28F

 B0B2A1

 B2B2B2

 B4B2C4

# Harmonies

## Analogous

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



D89E1F



9FB224



51BE55

# Triad

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



9FB224



00C1FF



FF6FBF

# Complementary

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



9FB224



3724B2

# 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.



E085F8



9FB224



00B5FF

# Square

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



9FB224



00C6D2



83A0FF



FF7081

# Rectangle

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



9FB224



00C37D



83A0FF



FF75D3



# Sweetspot

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



9FB224



E1E8B0



B23724



717553



F5F5F5



757575



# Same Dimension

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



9FB224



CAE809



58B224



585950



859900



161A00



# Inverse Universe

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



3724B2



2709E8



7E24B2



525059



140099



03001A



# Previews

## White Background



This preview shows how the Hex color 9FB224 looks on a white background.

## Color Contrast Check

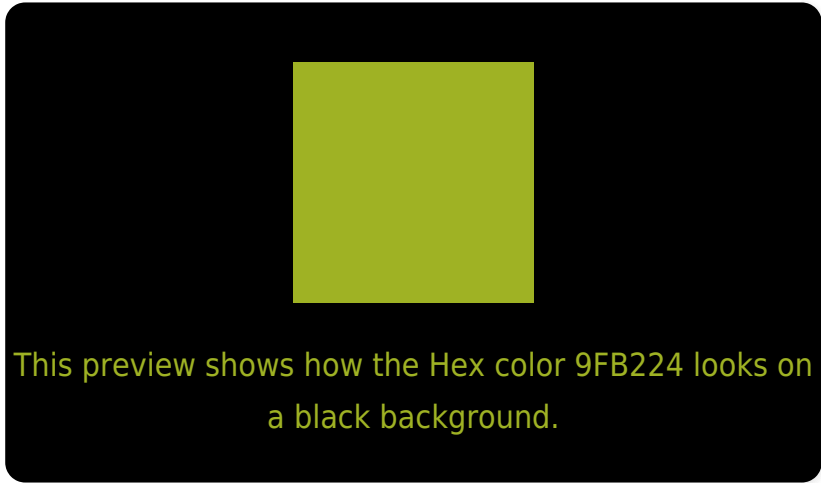
Large Text (above 18pt) WCAG AA × Fail

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 9FB224 Background



This preview shows how black text looks on a background with the Hex color 9FB224.



This preview shows how white text looks on a background with the Hex color 9FB224.

# 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**  
9FB224

**Protanopia**  
BDA822

**Deuteranopia**  
D3A02E



# Trichromacy



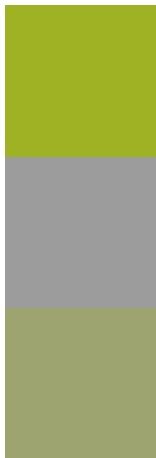
**Original Color**  
9FB224

**Protanomaly**  
B2AC23

**Deuteranomaly**  
C0A72A

**Tritanomaly**  
A7AA7F

# Monochromacy



**Original Color**  
9FB224

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
9DA470

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FB224 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 #9FB224 looks like.

```
.text, #text, p{  
    color:#9FB224  
}
```

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 #9FB224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB224
}
```

## Border

The CSS property to change the border of an element to Hex 9FB224 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
#9FB224 }
```

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

```
.border{ border-color:#9FB224 }
```

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

Here you see how a box with a 4 pixel #9FB224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB224; -webkit-box-shadow:4px 4px  
4px 4px #9FB224; box-shadow:4px 4px 4px  
4px #9FB224 }
```

# Background

The CSS property to change the background color of an element to Hex 9FB224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB224 }
```

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

```
.background{ background-color:#9FB224 }
```

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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