

Converting Colors

Hex(91B42F)

Have a look what the booklet for
Hex(91B42F) contains.

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Color

Hex(91B42F)

Conversions

Conversions Part 1

Format	Color
Hex	91B42F
RGB	145, 180, 47
RGB Percent	57%, 71%, 18%
CMY	0.4314, 0.2941, 0.8157
CMYK	0.19, 0.00, 0.74, 0.29
HSL	76°, 59%, 45%
HSV	76°, 74%, 71%
XYZ	28.5114, 38.8675, 8.6888
YIQ	154.3730, 21.8330, -48.7830

Conversions

Conversions Part 2

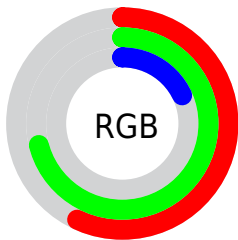
Format	Color
RYB	47, 180, 82
Decimal	9548847
CIELab	68.66, -30.19, 59.85
CIELCh	69, 67.034, 116.765
Yxy	38.8675, 0.3748, 0.5110
Android (android.graphics.Color)	4287738927 (0xFF91B42F)
YUV	154.3730, -52.9349, -8.2201
Hunter-Lab	62.3438, -27.4691, 35.3775

Details

The Hex color **91B42F** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **522FB4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CAEC66**, and **5A7F00** is the 20% darker color. If you saturate the color by 10%, you get **8CB41D**, and if you desaturate by 10%, it is **96B441**.

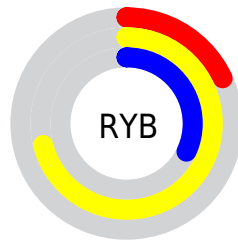
Distribution



Red (57%)

Green (71%)

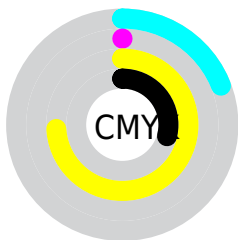
Blue (18%)



Red (18%)

Yellow (71%)

Blue (32%)

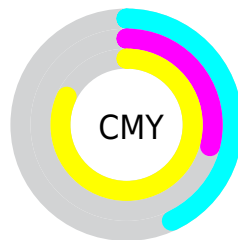


Cyan (19%)

Magenta (0%)

Yellow (74%)

Black (29%)



Cyan (43%)

Magenta (29%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91B42F 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 91B42F by changing the saturation by 10% instead.

 91B42F

 91B42F

FFFFFF

 75990A

 CAEC66

 5A7F00

 E7FF82

 3F6600

 FFFF9D

 244E00

 FFFFB9


 023600

 FFFFD6

 002200

 FFFFF3

 000000

 91B42F

 91B42F

 8CB41D

 96B441

■ 88B40B

■ 9AB453

■ 85B400

■ 9FB465

■ A4B477

■ A9B489

■ ADB49B

■ B2B4AD

■ B7B4BF

■ BCB4D1

Harmonies

Analogous

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



CCA21E



91B42F



38BF61

Triad

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



91B42F



00BEFF



FF6EB1

Complementary

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



91B42F



522FB4

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.



EB7FEB



91B42F



00B0FF

Square

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



91B42F



00C4DC



9C9AFF



FF7475

Rectangle

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



91B42F



00C38A



9C9AFF



FF71C5

Sweetspot

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



91B42F



DDEBB7



B4502F



6D7557



F5F5F5



757575

Same Dimension

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



91B42F



B4EB1A



50B42F



575950



719900



131A00

Inverse Universe

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



522FB4



511AEB



932FB4



535059



280099



07001A

Previews

White Background



This preview shows how the Hex color 91B42F looks on a white background.

Color Contrast Check

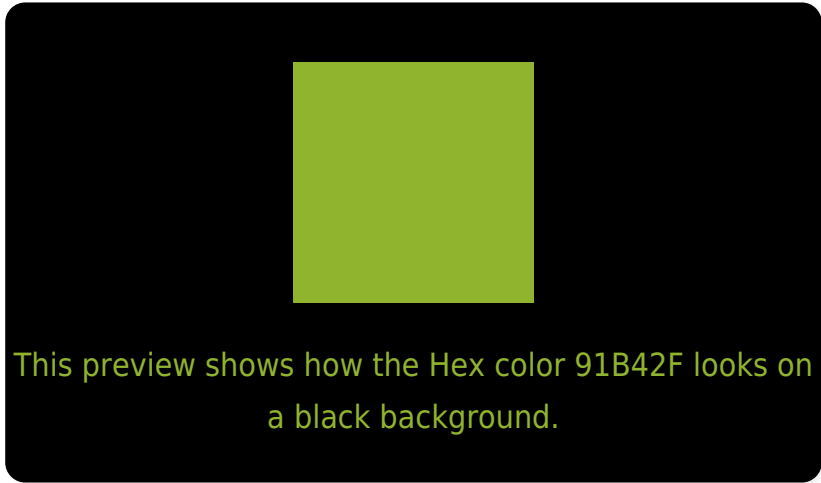
Large Text (above 18pt) WCAG AA × Fail

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 91B42F Background



This preview shows how black text looks on a background with the Hex color 91B42F.



This preview shows how white text looks on a background with the Hex color 91B42F.

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
91B42F

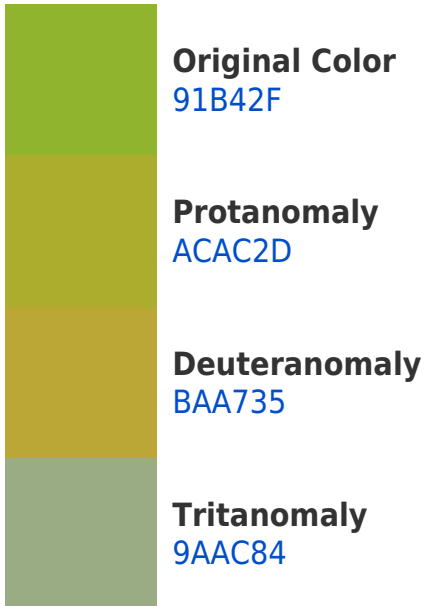
Protanopia
BCA72C

Deuteranopia
D19F38

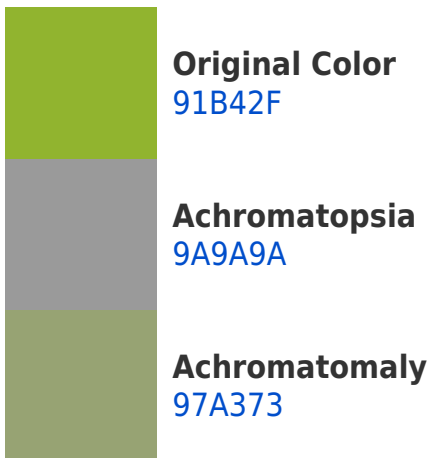


Tritanopia
9FA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91B42F 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 #91B42F looks like.

```
.text, #text, p{  
    color:#91B42F  
}
```

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 #91B42F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B42F
}
```

Border

The CSS property to change the border of an element to Hex 91B42F 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
#91B42F }
```

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

```
.border{ border-color:#91B42F }
```

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

Here you see how a box with a 4 pixel #91B42F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B42F; -webkit-box-shadow:4px 4px  
4px 4px #91B42F; box-shadow:4px 4px 4px  
4px #91B42F }
```

Background

The CSS property to change the background color of an element to Hex 91B42F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B42F }
```

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

```
.background{ background-color:#91B42F }
```

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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