

Converting Colors

Hex(81A52F)

Have a look what the booklet for
Hex(81A52F) contains.

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Color

Hex(81A52F)

Conversions

Conversions Part 1

Format	Color
Hex	81A52F
RGB	129, 165, 47
RGB Percent	51%, 65%, 18%
CMY	0.4941, 0.3529, 0.8157
CMYK	0.22, 0.00, 0.72, 0.35
HSL	78°, 56%, 42%
HSV	78°, 72%, 65%
XYZ	23.0215, 31.7826, 7.6106
YIQ	140.7840, 16.4220, -44.3300

Conversions

Conversions Part 2

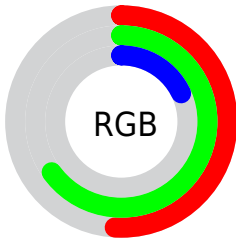
Format	Color
RYB	47, 165, 83
Decimal	8496431
CIELab	63.16, -29.54, 54.10
CIELCh	63, 61.643, 118.638
Yxy	31.7826, 0.3688, 0.5092
Android (android.graphics.Color)	4286686511 (0xFF81A52F)
YUV	140.7840, -46.2355, -10.3346
Hunter-Lab	56.3761, -25.7667, 31.4593

Details

The Hex color **81A52F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **532FA5**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B9DC65**, and **4B7100** is the 20% darker color. If you saturate the color by 10%, you get **7CA51E**, and if you desaturate by 10%, it is **86A540**.

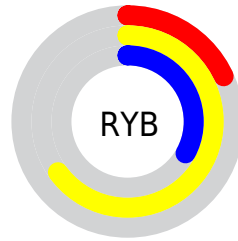
Distribution



Red (51%)

Green (65%)

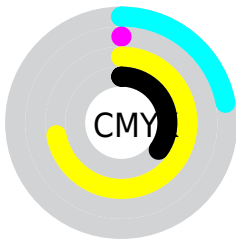
Blue (18%)



Red (18%)

Yellow (65%)

Blue (33%)

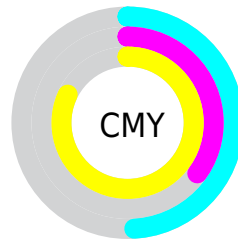


Cyan (22%)

Magenta (0%)

Yellow (72%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A52F 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 81A52F by changing the saturation by 10% instead.

 81A52F

 81A52F

FFFFFF

 668B0F

 B9DC65

 4B7100

 D5F97F

 325800

 F3FF9B

 154100

 FFFFB6

 002A00

 FFFFD3

 001300

 FFFFF0

 000000

 81A52F

 81A52F

 7CA51E

 86A540

 77A50E

 8BA550

 73A500

 90A560

 95A571

 9AA582

 9FA592

 A4A5A3

 A9A5B3

 AEA5C3

Harmonies

Analogous

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



B7951D



81A52F



2DAE5D

Triad

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



81A52F



00ADF6



F9659E

Complementary

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



81A52F



532FA5

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.



D974D3



81A52F



00A0FF

Square

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



81A52F



00B2CC



948BFA



F96B68

Rectangle

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



81A52F



00B281



948BFA



F268B0

Sweetspot

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



81A52F



C8D6A9



A5522F



636B50



EBEBEB



6B6B6B

Same Dimension

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



81A52F



9ED61E



47A52F



4F5249



659100



0C1200

Inverse Universe

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



532FA5



561ED6



8D2FA5



4C4952



2C0091



050012

Previews

White Background



This preview shows how the Hex color 81A52F looks on a white background.

Color Contrast Check

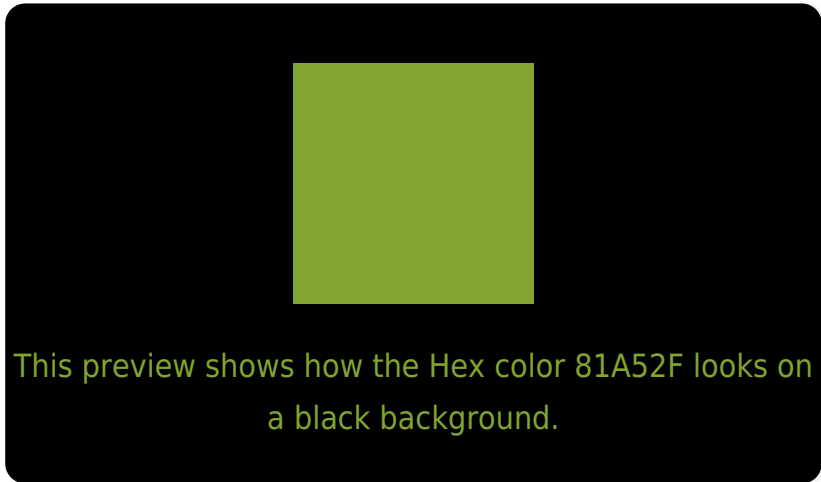
Large Text (above 18pt) WCAG AA × Fail

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 81A52F Background



This preview shows how black text looks on a background with the Hex color 81A52F.



This preview shows how white text looks on a background with the Hex color 81A52F.

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
81A52F

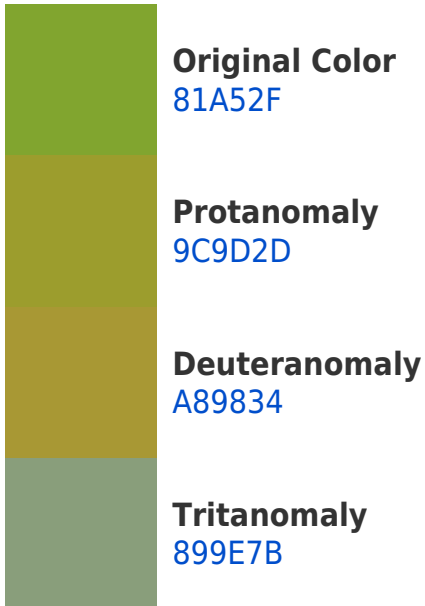
Protanopia
AB992C

Deuteranopia
BE9137

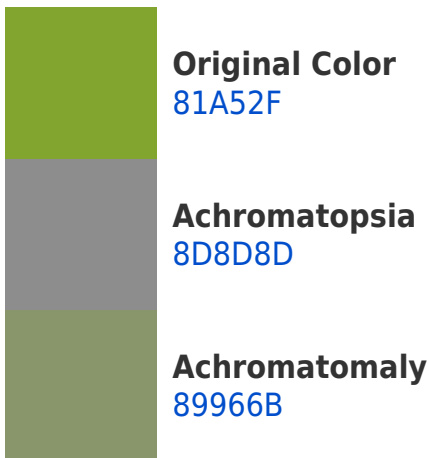


Tritanopia
8E9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A52F 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 #81A52F looks like.

```
.text, #text, p{  
    color:#81A52F  
}
```

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 #81A52F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A52F
}
```

Border

The CSS property to change the border of an element to Hex 81A52F 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
#81A52F }
```

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

```
.border{ border-color:#81A52F }
```

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

Here you see how a box with a 4 pixel #81A52F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A52F; -webkit-box-shadow:4px 4px  
4px 4px #81A52F; box-shadow:4px 4px 4px  
4px #81A52F }
```

Background

The CSS property to change the background color of an element to Hex 81A52F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A52F }
```

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

```
.background{ background-color:#81A52F }
```

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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