

Converting Colors

Hex(82B712)

Have a look what the booklet for
Hex(82B712) contains.

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Color

Hex(82B712)

Conversions

Conversions Part 1

Format	Color
Hex	82B712
RGB	130, 183, 18
RGB Percent	51%, 72%, 7%
CMY	0.4902, 0.2824, 0.9294
CMYK	0.29, 0.00, 0.90, 0.28
HSL	79°, 82%, 39%
HSV	79°, 90%, 72%
XYZ	26.2486, 38.6565, 6.6503
YIQ	148.3430, 21.3770, -62.5510

Conversions

Conversions Part 2

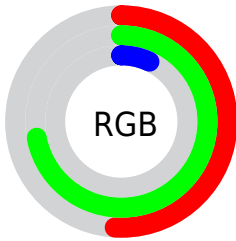
Format	Color
RYB	18, 183, 71
Decimal	8566546
CIELab	68.50, -38.63, 66.93
CIELCh	69, 77.275, 119.989
Yxy	38.6565, 0.3668, 0.5402
Android (android.graphics.Color)	4286756626 (0xFF82B712)
YUV	148.3430, -64.2591, -16.0868
Hunter-Lab	62.1743, -33.4464, 37.1803

Details

The Hex color **82B712** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4712B7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BBEF54**, and **4A8200** is the 20% darker color. If you saturate the color by 10%, you get **7CB700**, and if you desaturate by 10%, it is **88B724**.

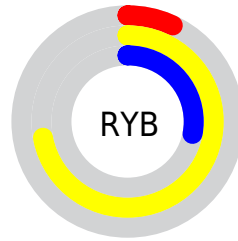
Distribution



Red (51%)

Green (72%)

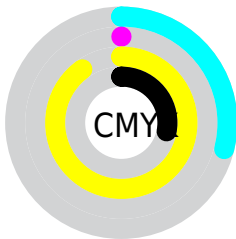
Blue (7%)



Red (7%)

Yellow (72%)

Blue (28%)

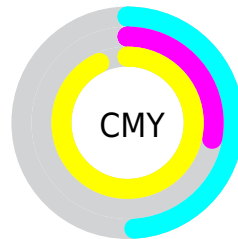


Cyan (29%)

Magenta (0%)

Yellow (90%)

Black (28%)



Cyan (49%)

Magenta (28%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82B712 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 82B712 by changing the saturation by 10% instead.



82B712



82B712

FFFFFF



669C00



BBEF54



4A8200



D9FF70



2E6800



F6FF8C



065000



FFFFA9



003800



FFFFC5



002400



FFFFE2



000000



82B712



82B712



7CB700



88B724

 8EB737

 94B749

 9AB75B

 9FB76E

 A5B780

 ABB792

 B1B7A4

 B7B7B7

Harmonies

Analogous

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



C8A400



82B712



00C25D

Triad

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



82B712



00C0FF



FF5DAA

Complementary

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



82B712



4712B7

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.



FA73EE



82B712



00B0FF

Square

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



82B712



00C6EB



A394FF



FF6966

Rectangle

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



82B712



00C68C



A394FF



FF61C2

Sweetspot

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



82B712



D9EDAD



B74612



6C7851



F7F7F7



787878

Same Dimension

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



82B712



A1ED00



30B712



595C53



6A9C00



131C00

Inverse Universe

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



4712B7



4C00ED



9912B7



56535C



32009C



09001C

Previews

White Background



This preview shows how the Hex color 82B712 looks on a white background.

Color Contrast Check

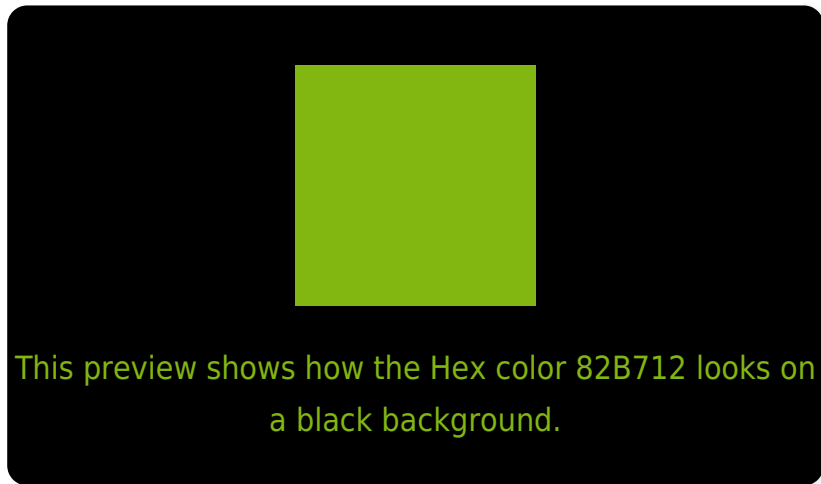
Large Text (above 18pt) WCAG AA × Fail

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 82B712 Background



This preview shows how black text looks on a background with the Hex color 82B712.



This preview shows how white text looks on a background with the Hex color 82B712.

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
82B712

Protanopia
BCA70A

Deuteranopia
D19E26



Tritanopia
93AAB8

Trichromacy



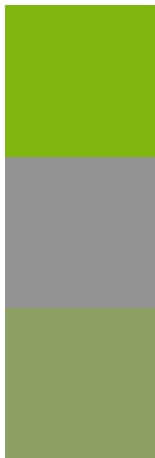
Original Color
82B712

Protanomaly
A7AD0D

Deuteranomaly
B4A71F

Tritanomaly
8DAF7C

Monochromacy



Original Color
82B712

Achromatopsia
949494

Achromatomaly
8DA165

CSS Examples

Text

The CSS property to change the color of the text to Hex 82B712 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 #82B712 looks like.

```
.text, #text, p{  
    color:#82B712  
}
```

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 #82B712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B712
}
```

Border

The CSS property to change the border of an element to Hex 82B712 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
#82B712 }
```

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

```
.border{ border-color:#82B712 }
```

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

Here you see how a box with a 4 pixel #82B712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B712; -webkit-box-shadow:4px 4px  
4px 4px #82B712; box-shadow:4px 4px 4px  
4px #82B712 }
```

Background

The CSS property to change the background color of an element to Hex 82B712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B712 }
```

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

```
.background{ background-color:#82B712 }
```

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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