

Converting Colors

Hex(52812D)

Have a look what the booklet for
Hex(52812D) contains.

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Color

Hex(52812D)

Conversions

Conversions Part 1

Format	Color
Hex	52812D
RGB	82, 129, 45
RGB Percent	32%, 51%, 18%
CMY	0.6784, 0.4941, 0.8235
CMYK	0.36, 0.00, 0.65, 0.49
HSL	94°, 48%, 34%
HSV	94°, 65%, 51%
XYZ	11.8036, 17.6838, 5.2738
YIQ	105.3710, -1.0480, -36.0880

Conversions

Conversions Part 2

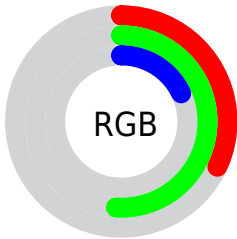
Format	Color
RYB	45, 129, 92
Decimal	5407021
CIELab	49.11, -31.19, 39.36
CIELCh	49, 50.217, 128.399
Yxy	17.6838, 0.3396, 0.5087
Android (android.graphics.Color)	4283597101 (0xFF52812D)
YUV	105.3710, -29.7629, -20.4964
Hunter-Lab	42.0521, -23.4882, 22.0008

Details

The Hex color **52812D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5C2D81**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **87B65F**, and **1E4F00** is the 20% darker color. If you saturate the color by 10%, you get **4B8120**, and if you desaturate by 10%, it is **59813A**.

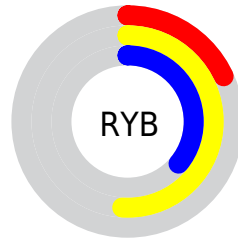
Distribution



Red (32%)

Green (51%)

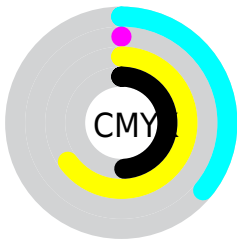
Blue (18%)



Red (18%)

Yellow (51%)

Blue (36%)

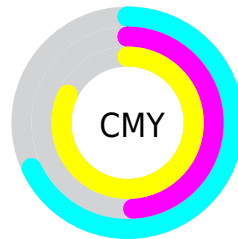


Cyan (36%)

Magenta (0%)

Yellow (65%)

Black (49%)



Cyan (68%)

Magenta (49%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52812D 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 52812D by changing the saturation by 10% instead.

 52812D

 52812D

FFFFFF

 386813

 87B65F

 1E4F00

 A2D278

 003800

 BEEE93

 002300

 DAFFAE

 000000

 F7FFCA

 FFFFE6

 52812D

 52812D

 4B8120

 59813A

■ 448113

■ 608147

■ 3C8106

■ 688154

■ 398100

■ 6F8161

■ 76816E

■ 7D817A

■ 858187

■ 8C8194

■ 9381A1

Harmonies

Analogous

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



807616



52812D



008754

Triad

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



52812D



0082C4



C24C6A

Complementary

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



52812D



5C2D81

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.



B15395



52812D



2F76C9

Square

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



52812D



0088A9



8664B8



BB5642

Rectangle

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



52812D



008971



8664B8



BF4C79

Sweetspot

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



52812D



95A887



815B2D



495440



D4D4D4



545454

Same Dimension

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



52812D



5FA825



2D8131



3C4039



388000



000000

Inverse Universe

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



5C2D81



6E25A8



812D7D



3D3940



470080



000000

Previews

White Background



This preview shows how the Hex color 52812D looks on a white background.

Color Contrast Check

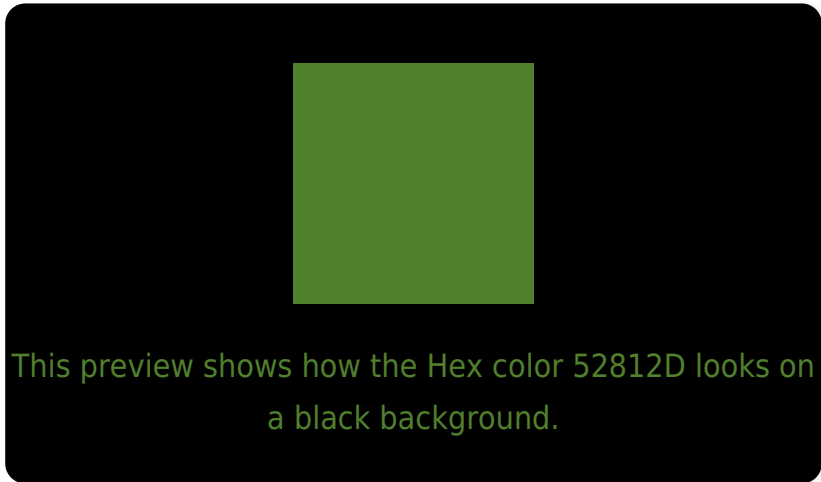
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 52812D Background



This preview shows how black text looks on a background with the Hex color 52812D.



This preview shows how white text looks on a background with the Hex color 52812D.

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
52812D

Protanopia
82742A

Deuteranopia
906F33



Tritanopia
5F7982

Trichromacy



Original Color
52812D

Protanomaly
71792B

Deuteranomaly
797631

Tritanomaly
5A7C63

Monochromacy



Original Color
52812D

Achromatopsia
696969

Achromatomaly
617253

CSS Examples

Text

The CSS property to change the color of the text to Hex 52812D 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 #52812D looks like.

```
.text, #text, p{  
    color:#52812D  
}
```

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 #52812D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52812D
}
```

Border

The CSS property to change the border of an element to Hex 52812D 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".

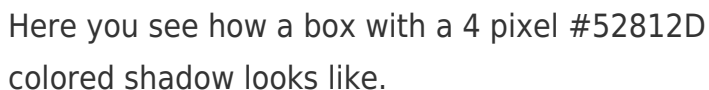
```
.border, #border, table{ border:4px solid
#52812D }
```

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

```
.border{ border-color:#52812D }
```

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

Here you see how a box with a 4 pixel #52812D colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52812D; -webkit-box-shadow:4px 4px  
4px 4px #52812D; box-shadow:4px 4px 4px  
4px #52812D }
```

Background

The CSS property to change the background color of an element to Hex 52812D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52812D }
```

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

```
.background{ background-color:#52812D }
```

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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