

Converting Colors

Hex(56842D)

Have a look what the booklet for
Hex(56842D) contains.

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Color

Hex(56842D)

Conversions

Conversions Part 1

Format	Color
Hex	56842D
RGB	86, 132, 45
RGB Percent	34%, 52%, 18%
CMY	0.6627, 0.4824, 0.8235
CMYK	0.35, 0.00, 0.66, 0.48
HSL	92°, 49%, 35%
HSV	92°, 66%, 52%
XYZ	12.5627, 18.6704, 5.4243
YIQ	108.3280, 0.5110, -36.8090

Conversions

Conversions Part 2

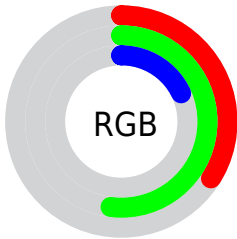
Format	Color
R_{YB}	45, 132, 91
Decimal	5669933
CIE _{Lab}	50.30, -31.08, 40.72
CIE _{LCh}	50, 51.224, 127.354
Yxy	18.6704, 0.3427, 0.5093
Android (android.graphics.Color)	4283860013 (0xFF56842D)
YUV	108.3280, -31.2207, -19.5817
Hunter-Lab	43.2093, -23.7192, 22.8036

Details

The Hex color **56842D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5B2D84**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8BB95F**, and **225200** is the 20% darker color. If you saturate the color by 10%, you get **4F8420**, and if you desaturate by 10%, it is **5D843A**.

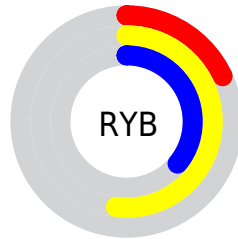
Distribution



Red (34%)

Green (52%)

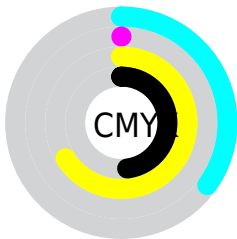
Blue (18%)



Red (18%)

Yellow (52%)

Blue (36%)

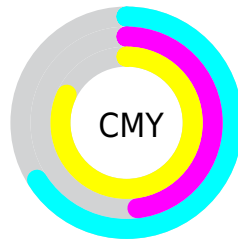


Cyan (35%)

Magenta (0%)

Yellow (66%)

Black (48%)



Cyan (66%)

Magenta (48%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56842D 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 56842D by changing the saturation by 10% instead.

 56842D

 56842D

FFFFFF

 3C6B13

 8BB95F

 225200

 A6D579

 053A00

 C2F293

 002500

 DFFFAE

 000200

 FCFFCA

 000000

 FFFFE7

 56842D

 56842D

 4F8420

 5D843A

■ 488413

■ 648447

■ 418405

■ 6B8455

■ 3E8400

■ 728462

■ 79846F

■ 80847C

■ 878489

■ 8E8497

■ 9584A4

Harmonies

Analogous

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



847916



56842D



008A54

Triad

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



56842D



0085C8



C64E6F

Complementary

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



56842D



5B2D84

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.



B5559A



56842D



2A79CE

Square

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



56842D



008BAC



8767BD



C15845

Rectangle

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



56842D



008C72



8767BD



C34F7D

Sweetspot

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



56842D



99AB89



845A2D



4C5742



D6D6D6



575757

Same Dimension

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



56842D



63AB24



2D842E



3F423C



3D8200



010300

Inverse Universe

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



5B2D84



6B24AB



842D83



3F3C42



450082



010003

Previews

White Background



This preview shows how the Hex color 56842D looks on a white background.

Color Contrast Check

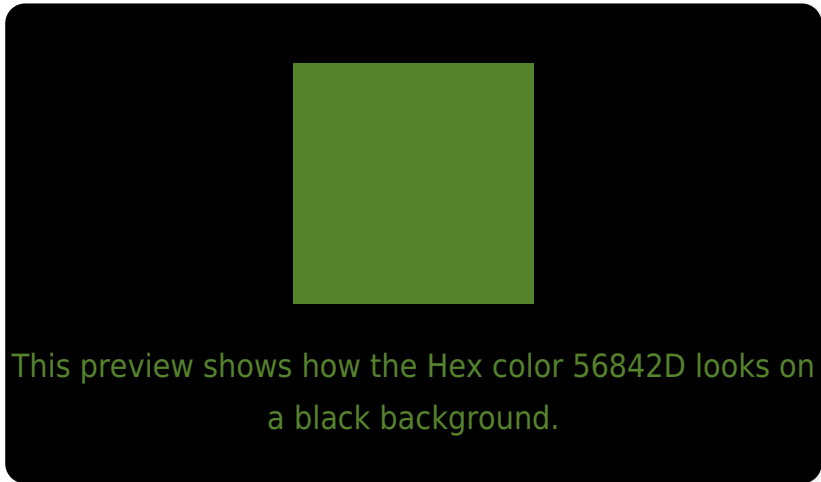
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 56842D Background



This preview shows how black text looks on a background with the Hex color 56842D.



This preview shows how white text looks on a background with the Hex color 56842D.

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
56842D

Protanopia
85772A

Deuteranopia
947133



Tritanopia
637B85

Trichromacy



Original Color
56842D

Protanomaly
747C2B

Deuteranomaly
7D7831

Tritanomaly
5E7E65

Monochromacy



Original Color
56842D

Achromatopsia
6C6C6C

Achromatomaly
647555

CSS Examples

Text

The CSS property to change the color of the text to Hex 56842D 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 #56842D looks like.

```
.text, #text, p{  
    color:#56842D  
}
```

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 #56842D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56842D
}
```

Border

The CSS property to change the border of an element to Hex 56842D 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
#56842D }
```

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

```
.border{ border-color:#56842D }
```

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

Here you see how a box with a 4 pixel #56842D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56842D; -webkit-box-shadow:4px 4px  
4px 4px #56842D; box-shadow:4px 4px 4px  
4px #56842D }
```

Background

The CSS property to change the background color of an element to Hex 56842D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56842D }
```

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

```
.background{ background-color:#56842D }
```

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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