

Converting Colors

Hex(56845D)

Have a look what the booklet for
Hex(56845D) contains.

Hex(56845D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(56845D)

Conversions

Conversions Part 1

Format	Color
Hex	56845D
RGB	86, 132, 93
RGB Percent	34%, 52%, 36%
CMY	0.6627, 0.4824, 0.6353
CMYK	0.35, 0.00, 0.30, 0.48
HSL	129°, 21%, 43%
HSV	129°, 35%, 52%
XYZ	14.0648, 19.2713, 13.3344
YIQ	113.8000, -14.8970, -21.8810

Conversions

Conversions Part 2

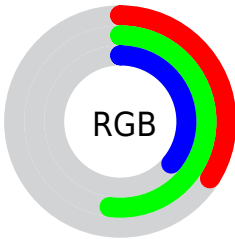
Format	Color
R_{YB}	86, 126, 132
Decimal	5669981
CIE _{Lab}	51.00, -24.34, 16.20
CIE _{LCh}	51, 29.241, 146.350
Yxy	19.2713, 0.3014, 0.4129
Android (android.graphics.Color)	4283860061 (0xFF56845D)
YUV	113.8000, -10.2544, -24.3806
Hunter-Lab	43.8991, -19.6338, 12.7200

Details

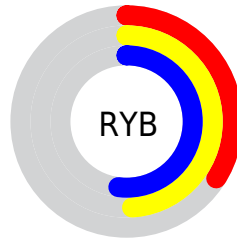
The Hex color **56845D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **84567D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **89B990**, and **25522F** is the 20% darker color. If you saturate the color by 10%, you get **498452**, and if you desaturate by 10%, it is **638468**.

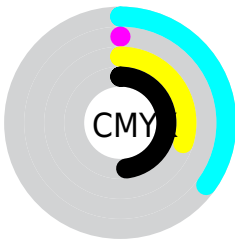
Distribution



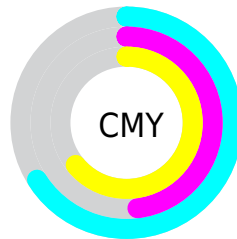
- Red (34%)
- Green (52%)
- Blue (36%)



- Red (34%)
- Yellow (49%)
- Blue (52%)



- Cyan (35%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (66%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56845D 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 56845D by changing the saturation by 10% instead.



56845D



56845D

FFFFFF



3D6B45



89B990



25522F



A4D5AA



0C3B19



C0F2C5



002500



DCFFE1



000700



F9FFFE



000000



56845D



56845D



498452



638468



3C8447



708473

 2E843B

 7E847F

 218430

 8B848A

 148425

 988495

 07841A

 A584A0

 008414

 B284AB

 C084B7

 CD84C2

Harmonies

Analogous

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



737F4C



56845D



358775

Triad

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



56845D



507DAB



AA6865

Complementary

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



56845D



84567D

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.



A7667E



56845D



7874A6

Square

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



56845D



2483A2



966B95



A06E51

Rectangle

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



56845D



1D8787



966B95



AA666D

Sweetspot

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



56845D



9AAB9C



7D8456



4C574E



D6D6D6



575757

Same Dimension

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



56845D



63AB6E



568474



3C423D



008214



000300

Inverse Universe

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



84567D



AB63A0



845666



423C41



82006E



030002

Previews

White Background



This preview shows how the Hex color 56845D looks on a white background.

Color Contrast Check

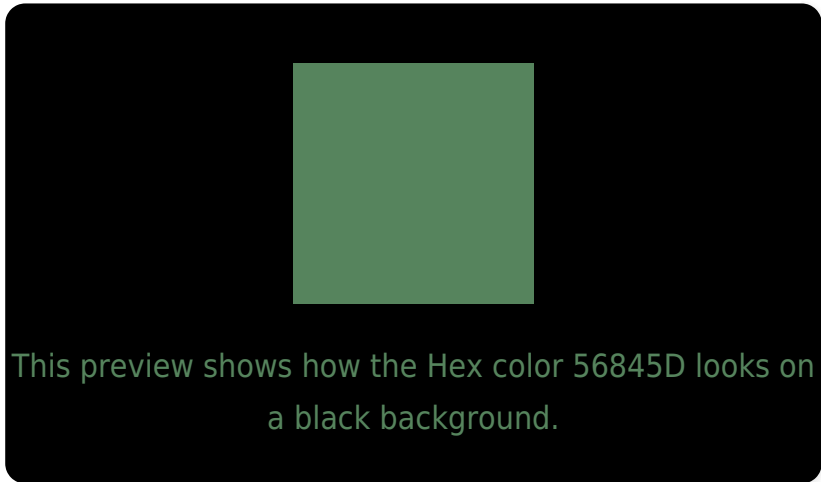
Large Text (above 18pt) WCAG AA ✓ Pass

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

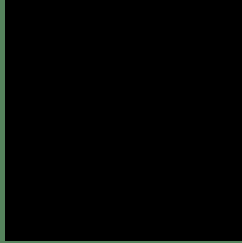
Any Text WCAG AA ✓ Pass

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 56845D Background



This preview shows how black text looks on a background with the Hex color 56845D.



This preview shows how white text looks on a background with the Hex color 56845D.

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](#).

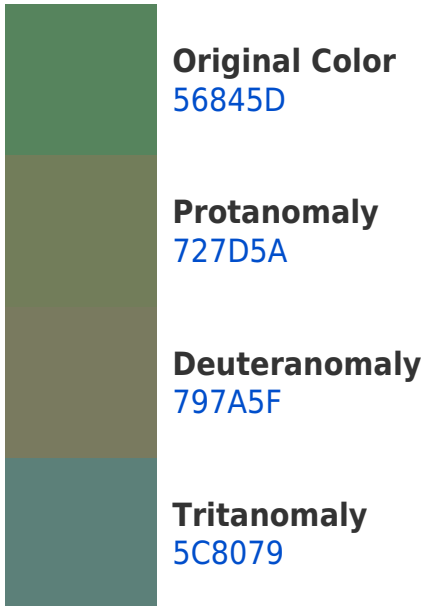
Dichromacy



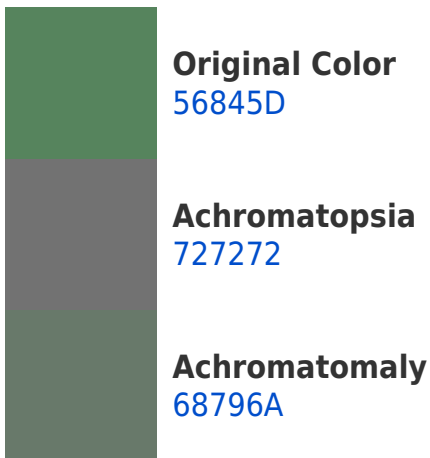


Tritanopia
5F7E89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56845D 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 #56845D looks like.

```
.text, #text, p{  
    color:#56845D  
}
```

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 #56845D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56845D
}
```

Border

The CSS property to change the border of an element to Hex 56845D 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
#56845D }
```

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

```
.border{ border-color:#56845D }
```

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

Here you see how a box with a 4 pixel #56845D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56845D; -webkit-box-shadow:4px 4px  
4px 4px #56845D; box-shadow:4px 4px 4px  
4px #56845D }
```

Background

The CSS property to change the background color of an element to Hex 56845D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56845D }
```

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

```
.background{ background-color:#56845D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor