

Converting Colors

Hex(56644B)

Have a look what the booklet for
Hex(56644B) contains.

Hex(56644B)	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(56644B)

Conversions

Conversions Part 1

Format	Color
Hex	56644B
RGB	86, 100, 75
RGB Percent	34%, 39%, 29%
CMY	0.6627, 0.6078, 0.7059
CMYK	0.14, 0.00, 0.25, 0.61
HSL	94°, 14%, 34%
HSV	94°, 25%, 39%
XYZ	9.6649, 11.6008, 8.3864
YIQ	92.9640, -0.3190, -10.7430

Conversions

Conversions Part 2

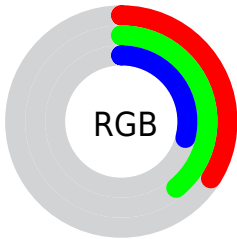
Format	Color
RYB	75, 100, 89
Decimal	5661771
CIELab	40.57, -10.48, 12.45
CIELCh	41, 16.271, 130.093
Yxy	11.6008, 0.3259, 0.3912
Android (android.graphics.Color)	4283851851 (0xFF56644B)
YUV	92.9640, -8.8563, -6.1074
Hunter-Lab	34.0599, -8.9533, 9.2433

Details

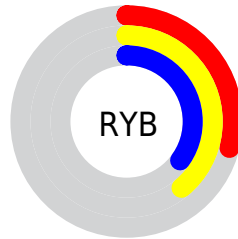
The Hex color **56644B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **594B64**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **88977C**, and **28351F** is the 20% darker color. If you saturate the color by 10%, you get **506441**, and if you desaturate by 10%, it is **5C6455**.

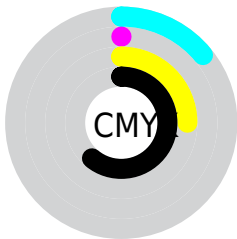
Distribution



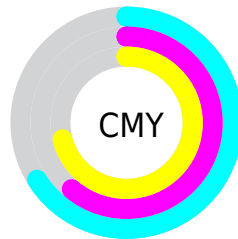
- Red (34%)
- Green (39%)
- Blue (29%)



- Red (29%)
- Yellow (39%)
- Blue (35%)



- Cyan (14%)
- Magenta (0%)
- Yellow (25%)
- Black (61%)



- Cyan (66%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56644B 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 56644B by changing the saturation by 10% instead.



56644B



56644B

FFFFFF



3F4C34



88977C



28351F



A2B296



152008



BDCDB0



000400



D9E9CC



000000



F6FFE8



56644B



56644B



506441



5C6455



4B6437



61645F

■ 45642D

■ 676469

■ 406423

■ 6C6473

■ 3A6419

■ 72647D

■ 34640F

■ 786487

■ 2F6405

■ 7D6491

■ 2C6400

■ 83649B

■ 8864A5

Harmonies

Analogous

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



656045



56644B



476656

Triad

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



56644B



446378



7B565C

Complementary

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



56644B



594B64

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.



745769



56644B



565F7A

Square

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



56644B



396670



675B74



79584F

Rectangle

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



56644B



3F675F



675B74



795660

Sweetspot

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



56644B



7C8278



64594B



3F423C



C2C2C2



424242

Same Dimension

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



56644B



6C825B



4B644C



30332E



327300



6BF200

Inverse Universe

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



594B64



715B82



644B63



312E33



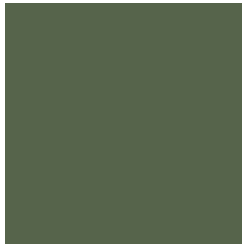
400073



8800F2

Previews

White Background



This preview shows how the Hex color 56644B looks on a white background.

Color Contrast Check

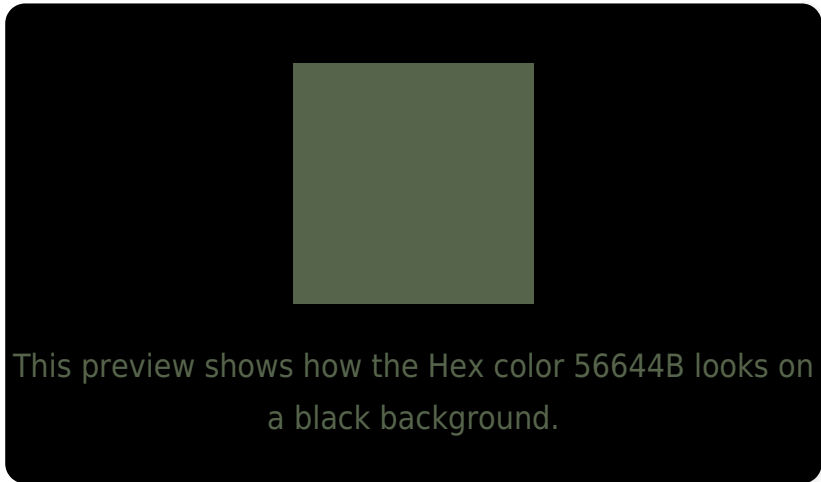
Large Text (above 18pt) WCAG AA ✓ Pass

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

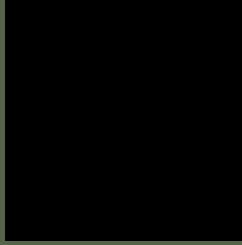
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

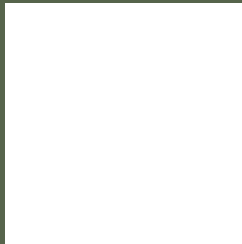
Any Text WCAG AAA × Fail

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

Hex 56644B Background



This preview shows how black text looks on a background with the Hex color 56644B.



This preview shows how white text looks on a background with the Hex color 56644B.

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
56644B

Protanopia
665F49

Deuteranopia
6F5C4D



Tritanopia
5A6068

Trichromacy



Original Color
56644B

Protanomaly
60614A

Deuteranomaly
665F4C

Tritanomaly
59615D

Monochromacy



Original Color
56644B

Achromatopsia
5D5D5D

Achromatomaly
5A6056

CSS Examples

Text

The CSS property to change the color of the text to Hex 56644B 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 #56644B looks like.

```
.text, #text, p{  
    color:#56644B  
}
```

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 #56644B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56644B
}
```

Border

The CSS property to change the border of an element to Hex 56644B 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".

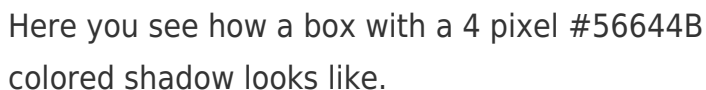
```
.border, #border, table{ border:4px solid
#56644B }
```

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

```
.border{ border-color:#56644B }
```

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

Here you see how a box with a 4 pixel #56644B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56644B; -webkit-box-shadow:4px 4px  
4px 4px #56644B; box-shadow:4px 4px 4px  
4px #56644B }
```

Background

The CSS property to change the background color of an element to Hex 56644B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56644B }
```

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

```
.background{ background-color:#56644B }
```

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