

Converting Colors

Hex(B56D41)

Have a look what the booklet for
Hex(B56D41) contains.

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Color

Hex(**B56D41**)

Conversions

Conversions Part 1

Format	Color
Hex	B56D41
RGB	181, 109, 65
RGB Percent	71%, 43%, 25%
CMY	0.2902, 0.5725, 0.7451
CMYK	0.00, 0.40, 0.64, 0.29
HSL	23°, 47%, 48%
HSV	23°, 64%, 71%
XYZ	25.4788, 21.1427, 7.7391
YIQ	125.5120, 57.0360, 1.5800

Conversions

Conversions Part 2

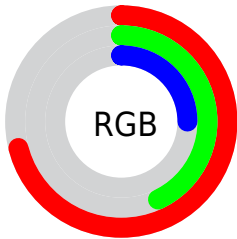
Format	Color
R _Y B	181, 136, 65
Decimal	11889985
CIE Lab	53.11, 24.52, 36.30
CIE LCh	53, 43.808, 55.958
Yxy	21.1427, 0.4687, 0.3889
Android (android.graphics.Color)	4290080065 (0xFFB56D41)
YUV	125.5120, -29.8324, 48.6630
Hunter-Lab	45.9812, 18.4423, 22.2077

Details

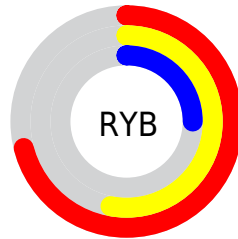
The Hex color **B56D41** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4189B5**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F0A172**, and **7C3C13** is the 20% darker color. If you saturate the color by 10%, you get **B5622F**, and if you desaturate by 10%, it is **B57853**.

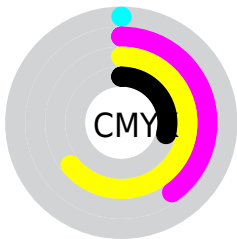
Distribution



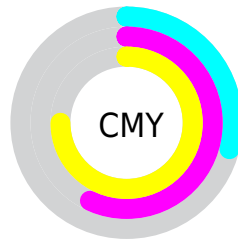
- Red (71%)
- Green (43%)
- Blue (25%)



- Red (71%)
- Yellow (53%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (64%)
- Black (29%)



- Cyan (29%)
- Magenta (57%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B56D41 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 B56D41 by changing the saturation by 10% instead.

 B56D41

 B56D41

FFFFFF

 98542A

 F0A172

 7C3C13

 FFBC8C

 602500

 FFD8A7

 450F00

 FFF5C2

 2C0000

 FFFFDE

 000000

 FFFFFB

 B56D41

 B56D41

 B5622F

 B57853

 B5571D

 B58365

 B54B0B

 B58F77

 B54500

 B59A89

 B5A59C

 B5B0AE

 B5BCC0

 B5C7D2

 B5D2E4

Harmonies

Analogous

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



C46160



B56D41



997B31

Triad

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



B56D41



009178



7977C3

Complementary

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



B56D41



4189B5

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.



1E84CA



B56D41



00919F

Square

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



B56D41



448E53



008DBD



A868A9

Rectangle

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



B56D41



818333



008DBD



637CC7

Sweetspot

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



B56D41



EBCFBE



B5418A



75655A



F5F5F5



757575

Same Dimension

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



B56D41



EB7A36



B5A641



595450



993A00



1A0A00

Inverse Universe

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



4189B5



36A6EB



4150B5



505659



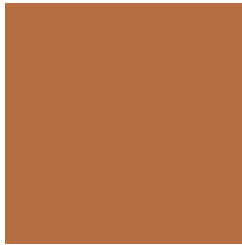
005F99



00101A

Previews

White Background



This preview shows how the Hex color B56D41 looks on a white background.

Color Contrast Check

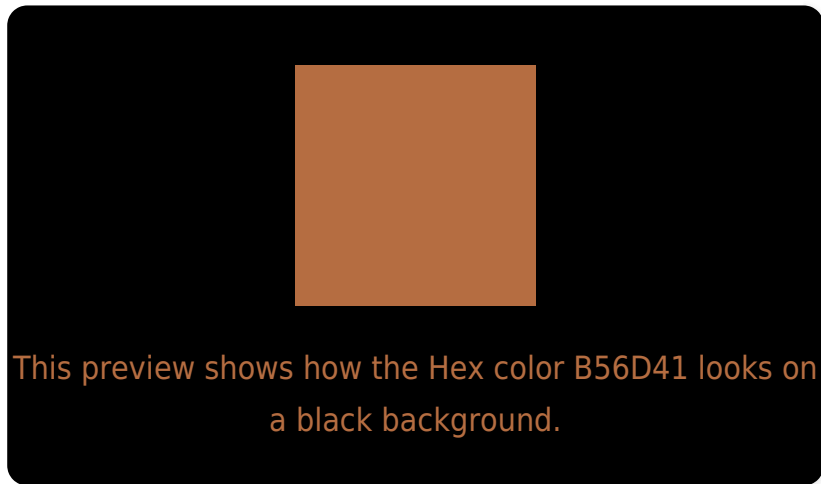
Large Text (above 18pt) WCAG AA ✓ Pass

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

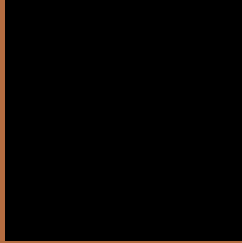
Any Text WCAG AA ✓ Pass

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 B56D41 Background



This preview shows how black text looks on a background with the Hex color B56D41.



This preview shows how white text looks on a background with the Hex color B56D41.

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
B56D41

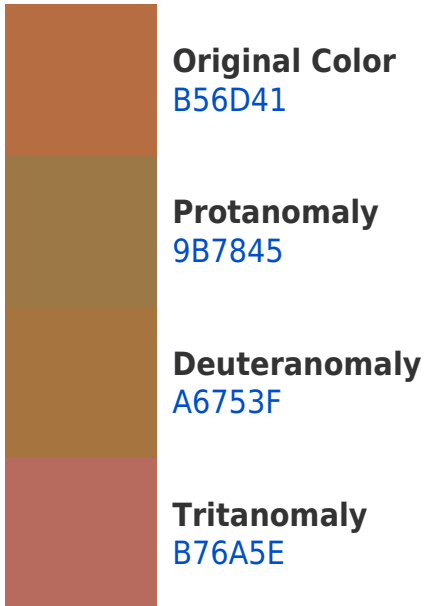
Protanopia
8C7F47

Deuteranopia
9D793E

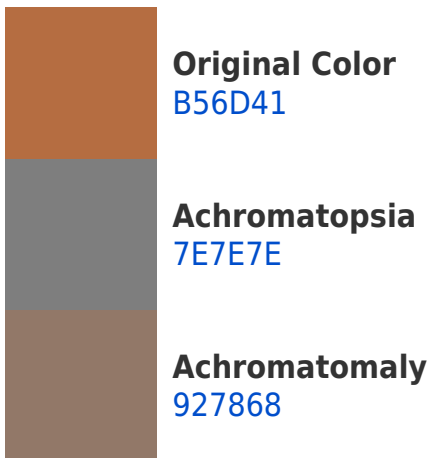


Tritanopia
B8686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B56D41 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 #B56D41 looks like.

```
.text, #text, p{  
    color:#B56D41  
}
```

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 #B56D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56D41
}
```

Border

The CSS property to change the border of an element to Hex B56D41 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
#B56D41 }
```

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

```
.border{ border-color:#B56D41 }
```

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

Here you see how a box with a 4 pixel #B56D41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56D41; -webkit-box-shadow:4px 4px  
4px 4px #B56D41; box-shadow:4px 4px 4px  
4px #B56D41 }
```

Background

The CSS property to change the background color of an element to Hex B56D41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56D41 }
```

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

```
.background{ background-color:#B56D41 }
```

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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