

# Converting Colors

Hex(B56455)

Have a look what the booklet for  
Hex(B56455) contains.

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**Color**

**Hex(B56455)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56455
RGB	181, 100, 85
RGB Percent	71%, 39%, 33%
CMY	0.2902, 0.6078, 0.6667
CMYK	0.00, 0.45, 0.53, 0.29
HSL	9°, 39%, 52%
HSV	9°, 53%, 71%
XYZ	25.2529, 19.5940, 11.0454
YIQ	122.5090, 53.0910, 12.5070

# Conversions

## Conversions Part 2

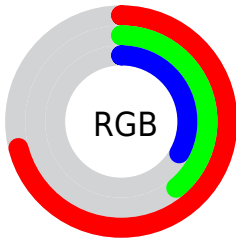
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 103, 85
Decimal	11887701
CIE <sub>Lab</sub>	51.38, 31.03, 22.89
CIE <sub>LCh</sub>	51, 38.555, 36.416
Yxy	19.5940, 0.4518, 0.3506
Android (android.graphics.Color)	4290077781 (0xFFB56455)
YUV	122.5090, -18.4919, 51.2966
Hunter-Lab	44.2651, 24.3691, 16.1911

# Details

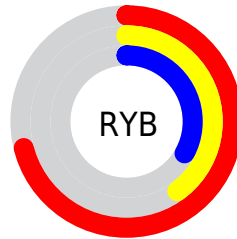
The Hex color **B56455** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **55A6B5**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **F09887**, and **7C3328** is the 20% darker color. If you saturate the color by 10%, you get **B55543**, and if you desaturate by 10%, it is **B57367**.

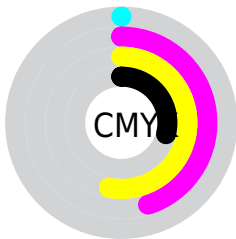
# Distribution



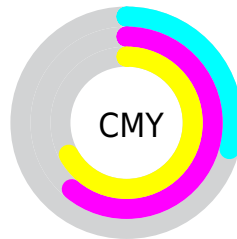
- Red (71%)
- Green (39%)
- Blue (33%)



- Red (71%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (45%)
- Yellow (53%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56455 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 B56455 by changing the saturation by 10% instead.



 B56455

 B56455

FFFFFF

 984B3E

 F09887

 7C3328

 FF3A1

 611B13

 FFCFBC

 460100

 FFECD8

 2E0001

 FFFFF4

 000000

 B56455

 B56455

 B55543

 B57367

 B54531

 B58379

 B5361F

 B5928B

 B5270D

 B5A19D

 B51C00

 B5B0B0

 B5C0C2

 B5CFD4

 B5DEE6

 B5EDF8

# Harmonies

## Analogous

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



B85F75



B56455



A36F3E

# Triad

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



B56455



37895F



507BBC

# Complementary

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



B56455



55A6B5

# 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.



0085B6



B56455



008B81

# Square

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



B56455



648443



008AA1



866FB0

# Rectangle

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



B56455



927737



008AA1



367FBC



# Sweetspot

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



B56455



EBCBC5



B555A7



75625F



F5F5F5



757575



# Same Dimension

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



B56455



EB6C54



B59355



595250



991800



1A0400



# Inverse Universe

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



55A6B5



54D3EB



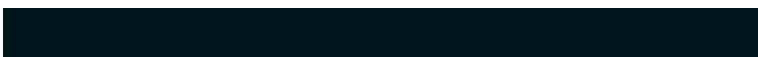
5577B5



505859



008199



00161A



# Previews

## White Background



This preview shows how the Hex color B56455 looks on a white background.

## Color Contrast Check

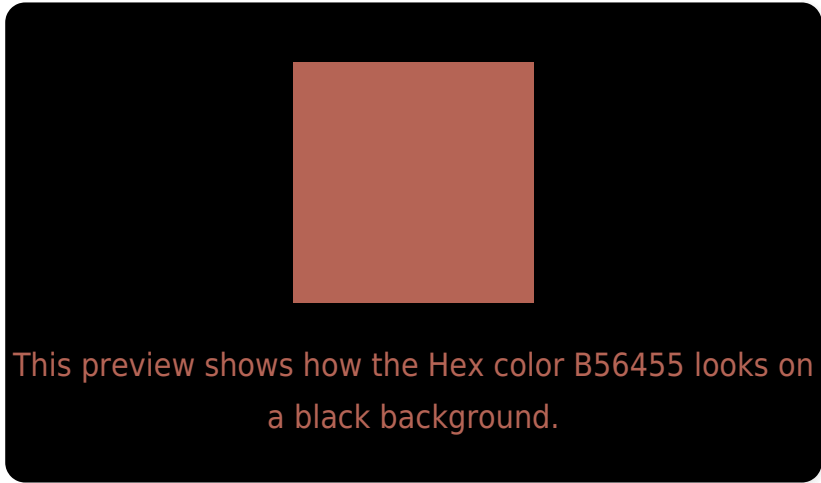
Large Text (above 18pt) WCAG AA ✓ Pass

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 B56455 Background



This preview shows how black text looks on a background with the Hex color B56455.



This preview shows how white text looks on a background with the Hex color B56455.

# 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**  
B56455

**Protanopia**  
837B5F

**Deuteranopia**  
937652



**Tritanopia**  
B66168

# Trichromacy



**Original Color**  
B56455

**Protanomaly**  
95735B

**Deuteranomaly**  
9F6F53

**Tritanomaly**  
B66261

# Monochromacy



**Original Color**  
B56455

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
90736D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56455 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 #B56455 looks like.

```
.text, #text, p{  
    color:#B56455  
}
```

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 #B56455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56455
}
```

## Border

The CSS property to change the border of an element to Hex B56455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

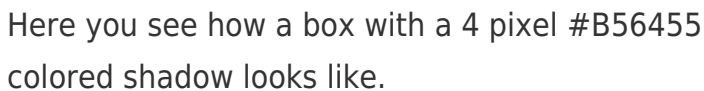
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B56455 }
```

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

```
.border{ border-color:#B56455 }
```

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



Here you see how a box with a 4 pixel #B56455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56455; -webkit-box-shadow:4px 4px  
4px 4px #B56455; box-shadow:4px 4px 4px  
4px #B56455 }
```

# Background

The CSS property to change the background color of an element to Hex B56455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56455 }
```

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

```
.background{ background-color:#B56455 }
```

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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