

Converting Colors

Hex(B18503)

Have a look what the booklet for
Hex(B18503) contains.

Hex(B18503)	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(B18503)

Conversions

Conversions Part 1

Format	Color
Hex	B18503
RGB	177, 133, 3
RGB Percent	69%, 52%, 1%
CMY	0.3059, 0.4784, 0.9882
CMYK	0.00, 0.25, 0.98, 0.31
HSL	45°, 97%, 35%
HSV	45°, 98%, 69%
XYZ	26.5354, 26.1287, 3.7309
YIQ	131.3360, 67.9540, -31.1020

Conversions

Conversions Part 2

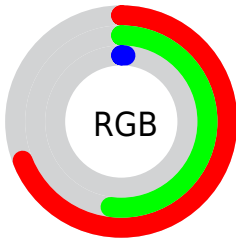
Format	Color
R_{YB}	62, 177, 3
Decimal	11633923
CIE Lab	58.16, 7.14, 62.90
CIE LCh	58, 63.304, 83.527
Yxy	26.1287, 0.4705, 0.4633
Android (android.graphics.Color)	4289824003 (0xFFB18503)
YUV	131.3360, -63.2696, 40.0473
Hunter-Lab	51.1163, 3.2092, 31.4539

Details

The Hex color **B18503** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **032FB1**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EDBA47**, and **775400** is the 20% darker color. If you saturate the color by 10%, you get **B18400**, and if you desaturate by 10%, it is **B18915**.

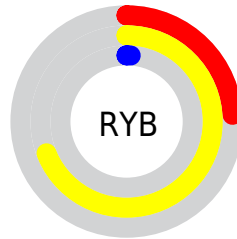
Distribution



Red (69%)

Green (52%)

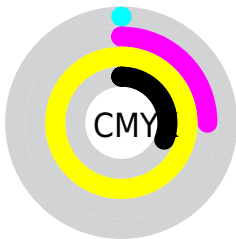
Blue (1%)



Red (24%)

Yellow (69%)

Blue (1%)

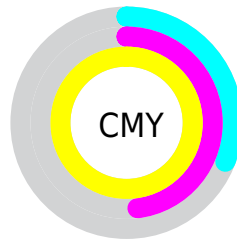


Cyan (0%)

Magenta (25%)

Yellow (98%)

Black (31%)



Cyan (31%)


Magenta (48%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color B18503 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 B18503 by changing the saturation by 10% instead.

 B18503

 B18503

FFFFFF

 946C00

 ED8A47

 775400

 FFD562

 5B3D00

 FFF27D

 402800

 FFFF98

 271400

 FFFF84

 000000

 FFFF00

 FFFFEE

 B18503

 B18503

 B18400

 B18915

 B18E26

 B19238

 B1974A

 B19B5B

 B1A06D

 B1A47F

 B1A991

 B1ADA2

Harmonies

Analogous

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



D96E32



B18503



7D9613

Triad

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



B18503



00A5B7



C369CE

Complementary

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



B18503



032FB1

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.



7482F2



B18503



00A1E4

Square

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



B18503



00A57E



0096FA



E9559A

Rectangle

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



B18503



509D34



0096FA



AE71DD

Sweetspot

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



B18503



E6D5A3



B10331



73694B



F2F2F2



737373

Same Dimension

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



B18503



E6AB00



88B103



595750



997200



1A1300

Inverse Universe

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



032FB1



003AE6



2C03B1



505359



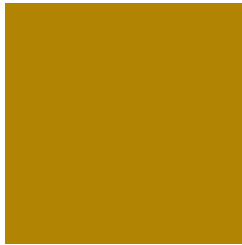
002799



00061A

Previews

White Background



This preview shows how the Hex color B18503 looks on a white background.

Color Contrast Check

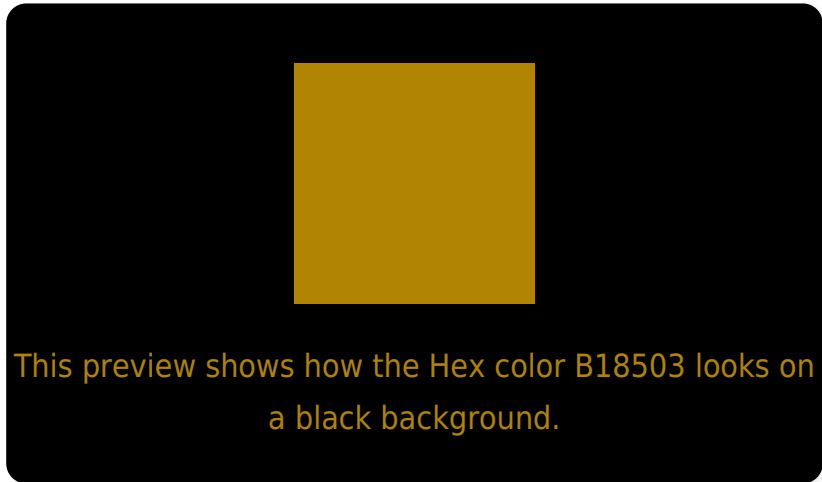
Large Text (above 18pt) WCAG AA ✓ Pass

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 B18503 Background



This preview shows how black text looks on a background with the Hex color B18503.



This preview shows how white text looks on a background with the Hex color B18503.

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
B18503

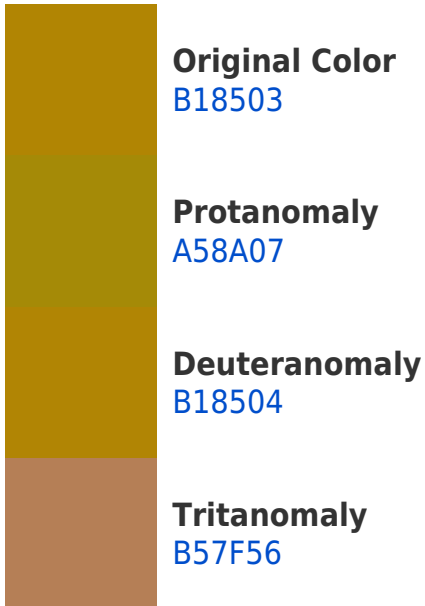
Protanopia
9E8D0A

Deuteranopia
B18504

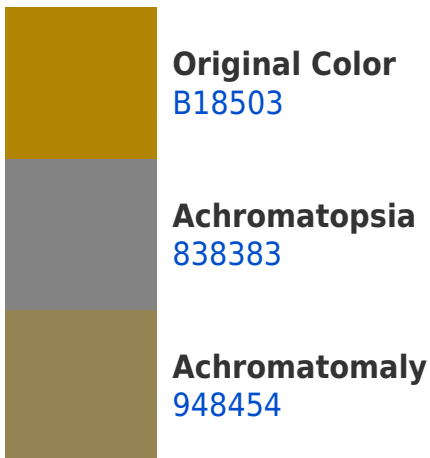


Tritanopia
B77C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B18503 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 #B18503 looks like.

```
.text, #text, p{  
    color:#B18503  
}
```

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 #B18503 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B18503
}
```

Border

The CSS property to change the border of an element to Hex B18503 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
#B18503 }
```

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

```
.border{ border-color:#B18503 }
```

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

Here you see how a box with a 4 pixel #B18503 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B18503; -webkit-box-shadow:4px 4px  
4px 4px #B18503; box-shadow:4px 4px 4px  
4px #B18503 }
```

Background

The CSS property to change the background color of an element to Hex B18503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B18503 }
```

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

```
.background{ background-color:#B18503 }
```

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