

# Converting Colors

Hex(B86353)

Have a look what the booklet for  
Hex(B86353) contains.

<b>Hex(B86353)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B86353)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B86353</a>
RGB	<a href="#">184, 99, 83</a>
RGB Percent	<a href="#">72%, 39%, 33%</a>
CMY	<a href="#">0.2784, 0.6118, 0.6745</a>
CMYK	<a href="#">0.00, 0.46, 0.55, 0.28</a>
HSL	<a href="#">10°, 42%, 52%</a>
HSV	<a href="#">10°, 55%, 72%</a>
XYZ	<a href="#">25.7903, 19.7386, 10.6342</a>
YIQ	<a href="#">122.5910, 55.7960, 13.0440</a>

# Conversions

## Conversions Part 2

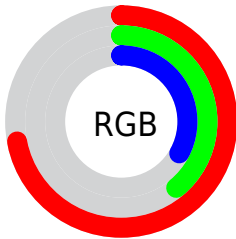
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 102, 83
Decimal	12084051
CIELab	51.54, 32.58, 24.34
CIELCh	52, 40.669, 36.770
Yxy	19.7386, 0.4592, 0.3515
Android (android.graphics.Color)	4290274131 (0xFFB86353)
YUV	122.5910, -19.5184, 53.8557
Hunter-Lab	44.4281, 25.8694, 16.9081

# Details

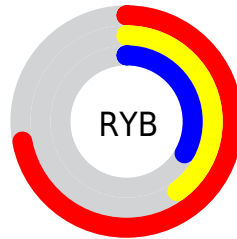
The Hex color **B86353** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **53A8B8**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **F39785**, and **7F3226** is the 20% darker color. If you saturate the color by 10%, you get **B85441**, and if you desaturate by 10%, it is **B87265**.

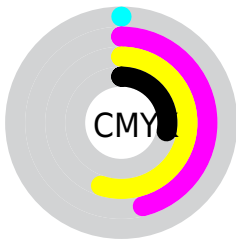
# Distribution



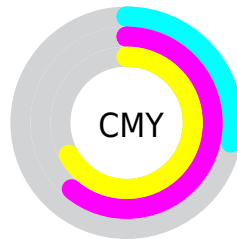
- Red (72%)
- Green (39%)
- Blue (33%)



- Red (72%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (46%)
- Yellow (55%)
- Black (28%)



- Cyan (28%)
- Magenta (61%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B86353 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 B86353 by changing the saturation by 10% instead.



 B86353

 B86353

FFFFFF

 9B4A3C

 F39785

 7F3226

 FF29F

 631911

 FFCEBA

 480000

 FFEBD6

 2F0001

 FFFFF2

 000000

 B86353

 B86353

 B85441

 B87265

 B8442E

 B88278

 B8351C

 B8918A

 B82509

 B8A19D

 B81D00

 B8B0AF

 B8C0C1

 B8CFD4

 B8DFE6

 B8EEF9

# Harmonies

## Analogous

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



BB5D74



B86353



A56F3B

# Triad

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



B86353



318A5E



4D7CC0

# Complementary

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



B86353



53A8B8

# 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.



0086BA



B86353



008C82

# Square

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



B86353



638541



008BA3



886FB3

# Rectangle

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



B86353



927833



008BA3



2E80C0



# Sweetspot

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



B86353



F0CFC9



B853A9



786561



F7F7F7



787878



# Same Dimension

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



B86353



F06B51



B89553



5C5453



9C1900



1C0400



# Inverse Universe

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



53A8B8



51D7F0



5376B8



535A5C



00839C



00181C



# Previews

## White Background



This preview shows how the Hex color B86353 looks on a white background.

## Color Contrast Check

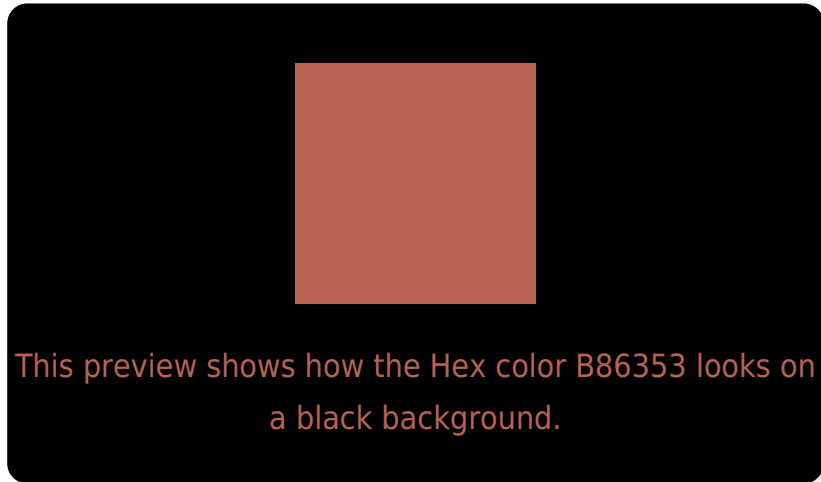
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86353 Background



This preview shows how black text looks on a background with the Hex color B86353.



This preview shows how white text looks on a background with the Hex color B86353.

# 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](#).

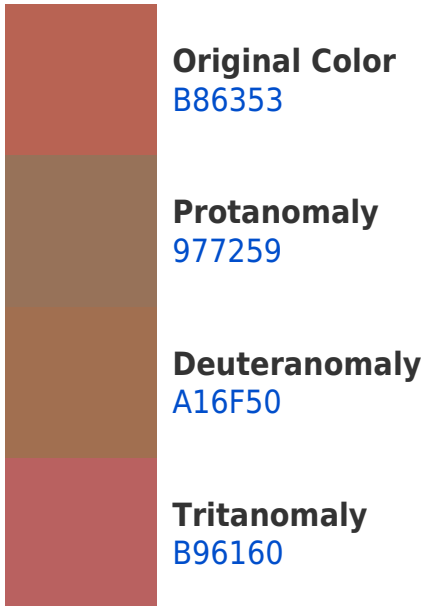
## Dichromacy





**Tritanopia**  
B96067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B86353 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 #B86353 looks like.

```
.text, #text, p{  
    color:#B86353  
}
```

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 #B86353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86353
}
```

## Border

The CSS property to change the border of an element to Hex B86353 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
#B86353 }
```

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

```
.border{ border-color:#B86353 }
```

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

Here you see how a box with a 4 pixel #B86353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86353; -webkit-box-shadow:4px 4px  
4px 4px #B86353; box-shadow:4px 4px 4px  
4px #B86353 }
```

# Background

The CSS property to change the background color of an element to Hex B86353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86353 }
```

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

```
.background{ background-color:#B86353 }
```

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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