

# Converting Colors

Hex(B85421)

Have a look what the booklet for  
Hex(B85421) contains.

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**Color**

**Hex(B85421)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B85421
RGB	184, 84, 33
RGB Percent	72%, 33%, 13%
CMY	0.2784, 0.6706, 0.8706
CMYK	0.00, 0.54, 0.82, 0.28
HSL	20°, 70%, 43%
HSV	20°, 82%, 72%
XYZ	23.2120, 16.6408, 3.4274
YIQ	108.0860, 75.9710, 5.3390

# Conversions

## Conversions Part 2

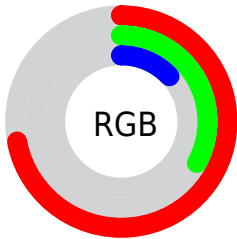
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 110, 33
Decimal	12080161
CIE <sub>Lab</sub>	47.80, 37.51, 46.86
CIE <sub>LCh</sub>	48, 60.025, 51.320
Yxy	16.6408, 0.5363, 0.3845
Android (android.graphics.Color)	4290270241 (0xFFB85421)
YUV	108.0860, -37.0174, 66.5766
Hunter-Lab	40.7931, 30.1816, 23.5737

# Details

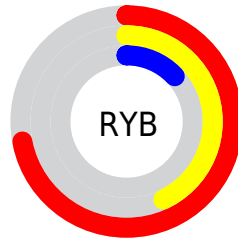
The Hex color **B85421** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2185B8**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F68852**, and **7C2200** is the 20% darker color. If you saturate the color by 10%, you get **B8480F**, and if you desaturate by 10%, it is **B86033**.

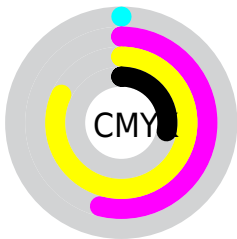
# Distribution



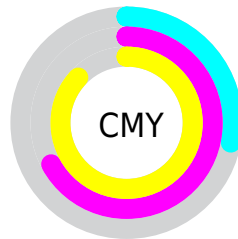
- Red (72%)
- Green (33%)
- Blue (13%)



- Red (72%)
- Yellow (43%)
- Blue (13%)



- Cyan (0%)
- Magenta (54%)
- Yellow (82%)
- Black (28%)



- Cyan (28%)
- Magenta (67%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B85421 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 B85421 by changing the saturation by 10% instead.



 B85421

 B85421

FFFFFF

 9A3B06

 F68852

 7C2200

 FFA36B

 5F0400

 FFBE85

 420000

 FFDB9F

 290001

 FFF7BB

 000000

 FFFFD7

 FFFFF4

 B85421

 B85421

 B8480F

 B86033

 B83E00

 B86C46

 B87958

 B8856B

 B8917D

 B89D8F

 B8A9A2

 B8B5B4

 B8C2C7

# Harmonies

## Analogous

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



CA3F50



B85421



956A00

# Triad

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



B85421



008761



4F6AD1

# Complementary

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



B85421



2185B8

# 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.



007CD6



B85421



008895

# Square

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



B85421



1B832D



0085C0



9F52B1

# Rectangle

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



B85421



777500



0085C0



0071D5



# Sweetspot

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



B85421



F0C8B4



B82186



786054



F7F7F7



787878



# Same Dimension

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



B85421



F05405



B89F21



5C5653



9C3500



1C0900



# Inverse Universe

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



2185B8



05A0F0



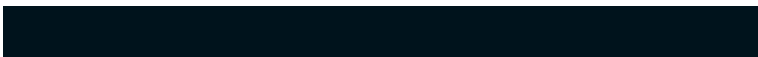
213AB8



53595C



00679C



00131C



# Previews

## White Background



This preview shows how the Hex color B85421 looks on a white background.

## Color Contrast Check

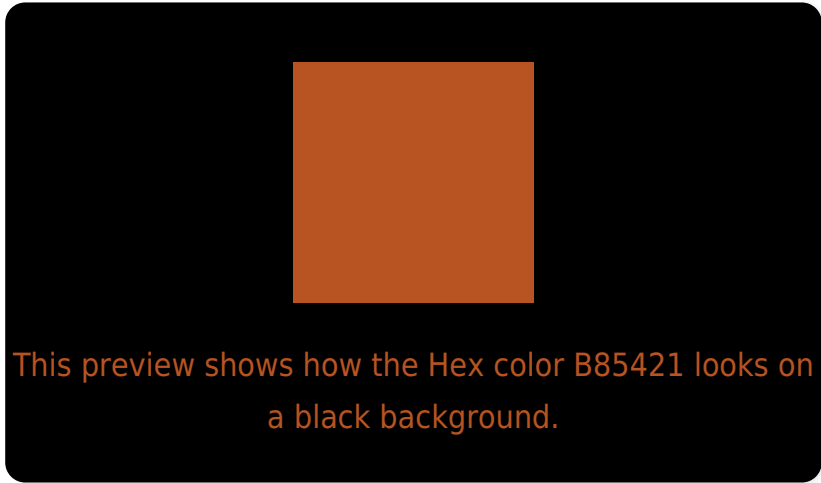
Large Text (above 18pt) WCAG AA ✓ Pass

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

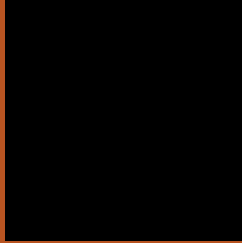
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B85421 Background



This preview shows how black text looks on a background with the Hex color B85421.



This preview shows how white text looks on a background with the Hex color B85421.

# 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**  
B85421

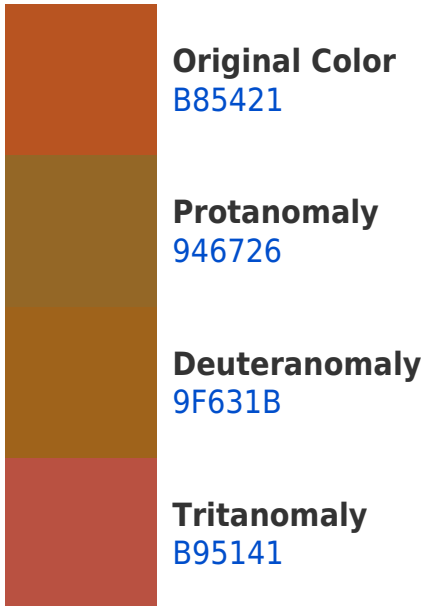
**Protanopia**  
7F7229

**Deuteranopia**  
906C17



**Tritanopia**  
BA4F54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B85421 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 #B85421 looks like.

```
.text, #text, p{  
    color:#B85421  
}
```

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 #B85421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B85421
}
```

## Border

The CSS property to change the border of an element to Hex B85421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

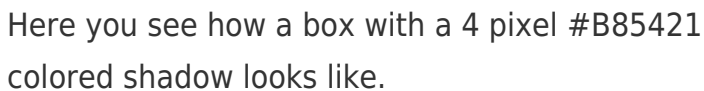
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B85421 }
```

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

```
.border{ border-color:#B85421 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B85421 colored shadow looks like."

Here you see how a box with a 4 pixel #B85421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B85421; -webkit-box-shadow:4px 4px  
4px 4px #B85421; box-shadow:4px 4px 4px  
4px #B85421 }
```

# Background

The CSS property to change the background color of an element to Hex B85421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B85421 }
```

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

```
.background{ background-color:#B85421 }
```

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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