

# Converting Colors

Hex(B35721)

Have a look what the booklet for  
Hex(B35721) contains.

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**Color**

**Hex(B35721)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B35721
RGB	179, 87, 33
RGB Percent	70%, 34%, 13%
CMY	0.2980, 0.6588, 0.8706
CMYK	0.00, 0.51, 0.82, 0.30
HSL	22°, 69%, 42%
HSV	22°, 82%, 70%
XYZ	22.2731, 16.5099, 3.4517
YIQ	108.3520, 72.1660, 2.7100

# Conversions

## Conversions Part 2

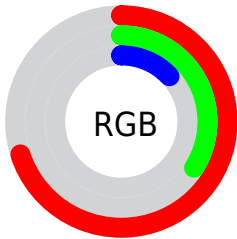
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 119, 33
Decimal	11753249
CIE Lab	47.64, 33.97, 46.42
CIE LCh	48, 57.520, 53.808
Yxy	16.5099, 0.5274, 0.3909
Android (android.graphics.Color)	4289943329 (0xFFB35721)
YUV	108.3520, -37.1485, 61.9583
Hunter-Lab	40.6324, 26.7402, 23.4061

# Details

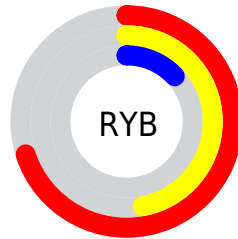
The Hex color **B35721** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **217DB3**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **F08A52**, and **782600** is the 20% darker color. If you saturate the color by 10%, you get **B34C0F**, and if you desaturate by 10%, it is **B36233**.

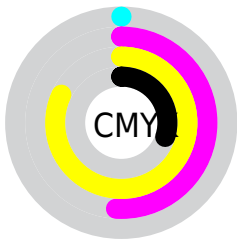
# Distribution



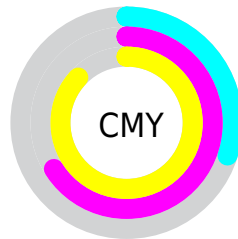
- Red (70%)
- Green (34%)
- Blue (13%)



- Red (70%)
- Yellow (47%)
- Blue (13%)



- Cyan (0%)
- Magenta (51%)
- Yellow (82%)
- Black (30%)



- Cyan (30%)
- Magenta (66%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B35721 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 B35721 by changing the saturation by 10% instead.



 B35721

 B35721

FFFFFF

 953E06

 F08A52

 782600

 FFA56B

 5B0C00

 FFC185

 3E0000

 FFDDA0

 250001

 FFFABB

 000000

 FFFFD7

 FFFFF4

 B35721

 B35721

 B34C0F

 B36233

 B34200

 B36E45

 B37957

 B38469

 B38F7B

 B39B8C

 B3A69E

 B3B1B0

 B3BDC2

# Harmonies

## Analogous

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



C6434D



B35721



906B00

# Triad

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



B35721



008765



5B69CA

# Complementary

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



B35721



217DB3

# 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.



007AD2



B35721



008797

# Square

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



B35721



168234



0084BF



A152AB

# Rectangle

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



B35721



737600



0084BF



2E6FD0



# Sweetspot

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



B35721



E8C5B0



B3217D



756053



F5F5F5



757575



# Same Dimension

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



B35721



E85905



B3A021



595450



993900



1A0900



# Inverse Universe

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



217DB3



0594E8



2134B3



505659



006099



00101A



# Previews

## White Background



This preview shows how the Hex color B35721 looks on a white background.

## Color Contrast Check

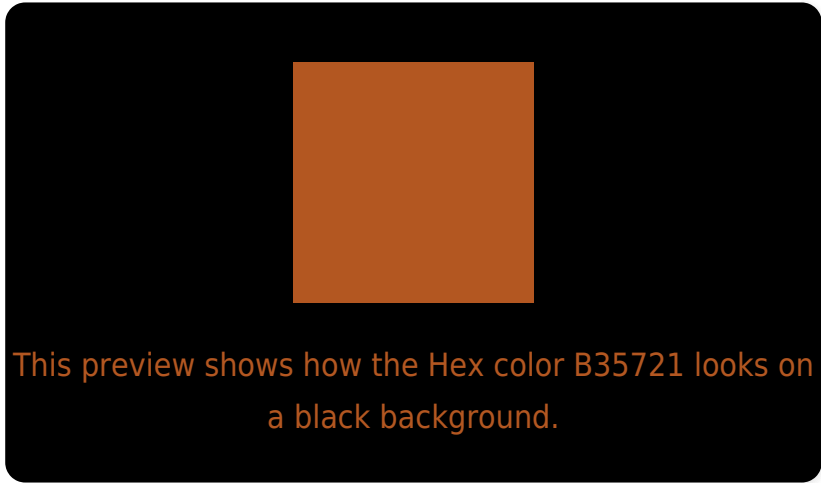
Large Text (above 18pt) WCAG AA ✓ Pass

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 B35721 Background



This preview shows how black text looks on a background with the Hex color B35721.



This preview shows how white text looks on a background with the Hex color B35721.

# 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**  
B35721

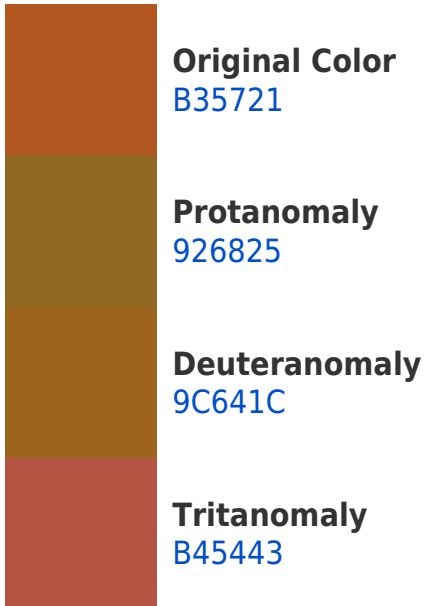
**Protanopia**  
7F7228

**Deuteranopia**  
8F6C19



**Tritanopia**  
B55257

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B35721 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 #B35721 looks like.

```
.text, #text, p{  
    color:#B35721  
}
```

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 #B35721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35721
}
```

## Border

The CSS property to change the border of an element to Hex B35721 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
#B35721 }
```

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

```
.border{ border-color:#B35721 }
```

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

Here you see how a box with a 4 pixel #B35721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35721; -webkit-box-shadow:4px 4px  
4px 4px #B35721; box-shadow:4px 4px 4px  
4px #B35721 }
```

# Background

The CSS property to change the background color of an element to Hex B35721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35721 }
```

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

```
.background{ background-color:#B35721 }
```

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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