

# Converting Colors

Hex(B35F38)

Have a look what the booklet for  
Hex(B35F38) contains.

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**Color**

**Hex(B35F38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B35F38
RGB	179, 95, 56
RGB Percent	70%, 37%, 22%
CMY	0.2980, 0.6275, 0.7804
CMYK	0.00, 0.47, 0.69, 0.30
HSL	19°, 52%, 46%
HSV	19°, 69%, 70%
XYZ	23.3964, 18.0536, 5.9930
YIQ	115.6700, 62.5830, 5.6790

# Conversions

## Conversions Part 2

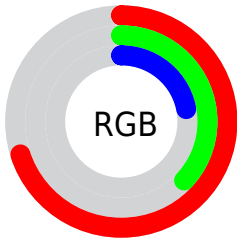
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 113, 56
Decimal	11755320
CIE Lab	49.56, 30.77, 36.96
CIE LCh	50, 48.089, 50.224
Yxy	18.0536, 0.4931, 0.3805
Android (android.graphics.Color)	4289945400 (0xFFB35F38)
YUV	115.6700, -29.4173, 55.5404
Hunter-Lab	42.4896, 23.9323, 21.3801

# Details

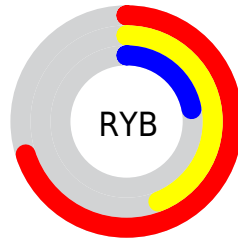
The Hex color **B35F38** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **388CB3**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **EF9368**, and **792E0A** is the 20% darker color. If you saturate the color by 10%, you get **B35326**, and if you desaturate by 10%, it is **B36B4A**.

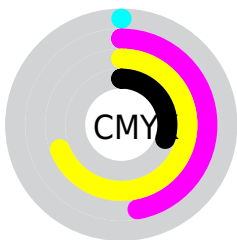
# Distribution



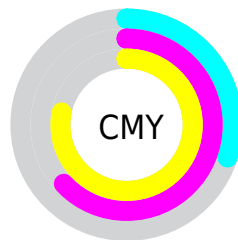
- Red (70%)
- Green (37%)
- Blue (22%)



- Red (70%)
- Yellow (44%)
- Blue (22%)



- Cyan (0%)
- Magenta (47%)
- Yellow (69%)
- Black (30%)



- Cyan (30%)
- Magenta (63%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B35F38 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 B35F38 by changing the saturation by 10% instead.



 B35F38

 B35F38

FFFFFF

 964621

 EF9368

 792E0A

 FFAE82

 5D1600

 FFC99C

 410000

 FFE6B7

 2A0001

 FFFFD3

 000000

 FFFFF0

 B35F38

 B35F38

 B35326

 B36B4A

 B34714

 B3775C

 B33A02

 B3846E

 B33900

 B39080

 B39C91

 B3A8A3

 B3B5B5

 B3C1C7

 B3CDD9

# Harmonies

## Analogous

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



C0525C



B35F38



976F20

# Triad

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



B35F38



008967



5F71C3

# Complementary

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



B35F38



388CB3

# 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.



007EC6



B35F38



008A91

# Square

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



B35F38



3F843F



0086B4



9A5FAB

# Rectangle

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



B35F38



7E781E



0086B4



4076C6



# Sweetspot

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



B35F38



E8C7B7



B3388C



756158



F5F5F5



757575



# Same Dimension

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



B35F38



E8662A



B39C38



595350



993100



1A0800



# Inverse Universe

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



388CB3



2AACE8



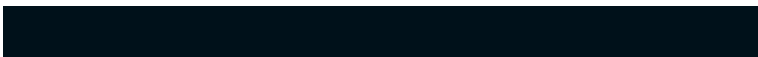
384FB3



505659



006899



00111A



# Previews

## White Background



This preview shows how the Hex color B35F38 looks on a white background.

## Color Contrast Check

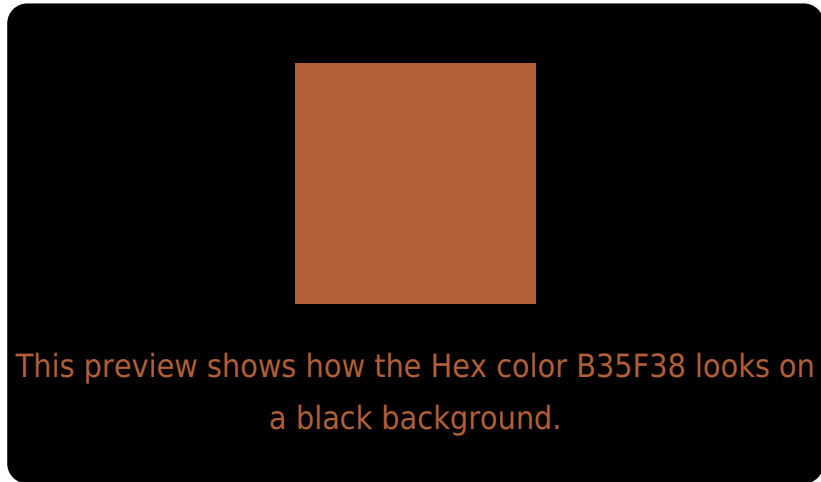
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

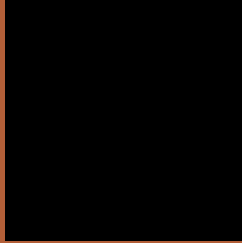
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B35F38 Background



This preview shows how black text looks on a background with the Hex color B35F38.




This preview shows how white text looks on a background with the Hex color B35F38.

# 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](#).

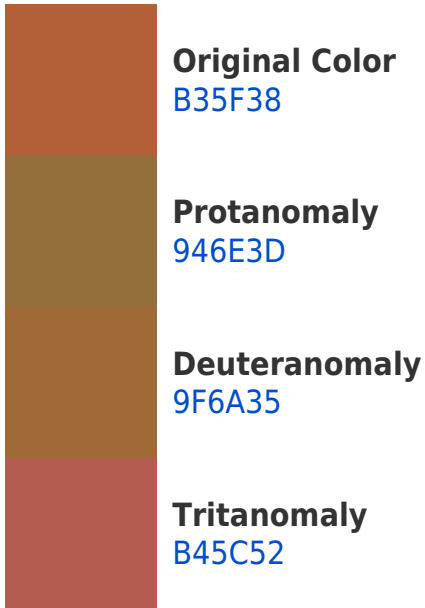
## Dichromacy





**Tritanopia**  
B55A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B35F38 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 #B35F38 looks like.

```
.text, #text, p{  
    color:#B35F38  
}
```

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 #B35F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35F38 } }
```

## Border

The CSS property to change the border of an element to Hex B35F38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

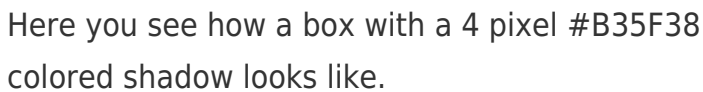
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B35F38 } }
```

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

```
.border{ border-color:#B35F38 }
```

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, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B35F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35F38; -webkit-box-shadow:4px 4px  
4px 4px #B35F38; box-shadow:4px 4px 4px  
4px #B35F38 }
```

# Background

The CSS property to change the background color of an element to Hex B35F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35F38 }
```

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

```
.background{ background-color:#B35F38 }
```

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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