

Converting Colors

Hex(BB6137)

Have a look what the booklet for
Hex(BB6137) contains.

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Color

Hex(BB6137)

Conversions

Conversions Part 1

Format	Color
Hex	BB6137
RGB	187, 97, 55
RGB Percent	73%, 38%, 22%
CMY	0.2667, 0.6196, 0.7843
CMYK	0.00, 0.48, 0.71, 0.27
HSL	19°, 55%, 47%
HSV	19°, 71%, 73%
XYZ	25.4578, 19.3900, 6.0153
YIQ	119.1220, 67.1220, 6.0180

Conversions

Conversions Part 2

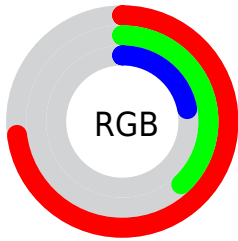
Format	Color
R_{YB}	187, 117, 55
Decimal	12280119
CIE Lab	51.14, 32.90, 39.59
CIE LCh	51, 51.477, 50.267
Yxy	19.3900, 0.5005, 0.3812
Android (android.graphics.Color)	4290470199 (0xFFBB6137)
YUV	119.1220, -31.6121, 59.5290
Hunter-Lab	44.0341, 26.1380, 22.7245

Details

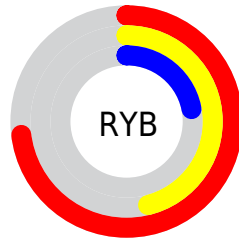
The Hex color **BB6137** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3791BB**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F89568**, and **803008** is the 20% darker color. If you saturate the color by 10%, you get **BB5424**, and if you desaturate by 10%, it is **BB6E4A**.

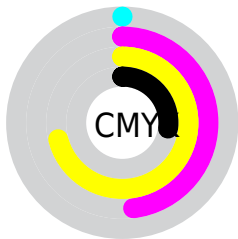
Distribution



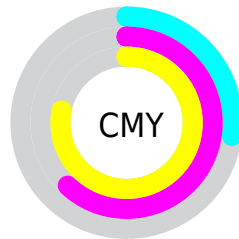
- Red (73%)
- Green (38%)
- Blue (22%)



- Red (73%)
- Yellow (46%)
- Blue (22%)



- Cyan (0%)
- Magenta (48%)
- Yellow (71%)
- Black (27%)



- Cyan (27%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB6137 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 BB6137 by changing the saturation by 10% instead.

 BB6137

 BB6137

FFFFFF

 9D4820

 F89568

 803008

 FFB081

 641700

 FFCC9C

 470000

 FFE8B7

 2F0001

 FFFFD3

 000000

 FFFFEF

 BB6137

 BB6137

 BB5424

 BB6E4A

 BB4712

 BB7B5C

 BB3B00

 BB876F

 BB9482

 BBA195

 BBAEA7

 BBBABA

 BBC7CD

 BBD4DF

Harmonies

Analogous

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



C9525E



BB6137



9D731B

Triad

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



BB6137



008E6A



6074CD

Complementary

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



BB6137



3791BB

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.



0083D0



BB6137



008F97

Square

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



BB6137



3E893E



008CBD



A161B3

Rectangle

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



BB6137



837C19



008CBD



3C7AD1

Sweetspot

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



BB6137



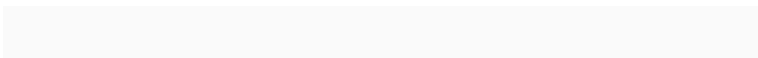
F2D0BF



BB3791



7A665C



FAFAFA



7A7A7A

Same Dimension

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



BB6137



F26624



BBA337



5E5855



9E3200



1F0A00

Inverse Universe

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



3791BB



24B1F2



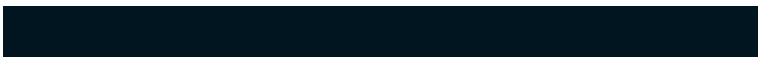
374FBB



555B5E



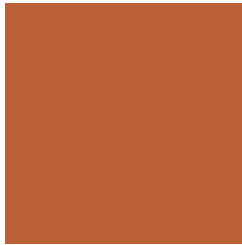
006C9E



00151F

Previews

White Background



This preview shows how the Hex color BB6137 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

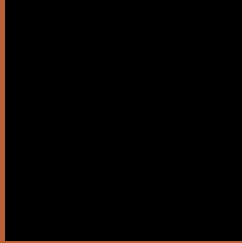
Any Text WCAG AA ✓ Pass

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 BB6137 Background



This preview shows how black text looks on a background with the Hex color BB6137.



This preview shows how white text looks on a background with the Hex color BB6137.

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
BB6137

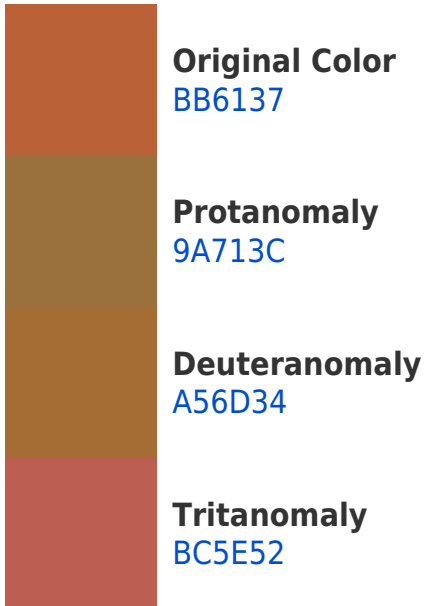
Protanopia
877A3F

Deuteranopia
987432

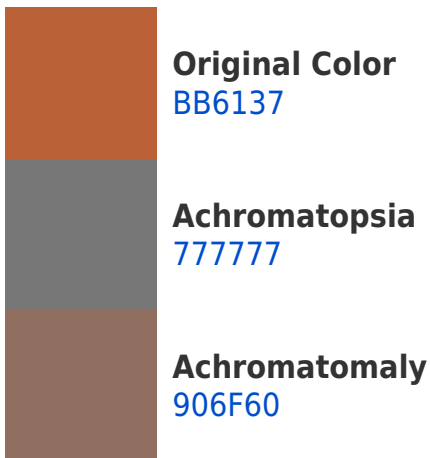


Tritanopia
BD5C62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB6137 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 #BB6137 looks like.

```
.text, #text, p{  
    color:#BB6137  
}
```

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 #BB6137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6137
}
```

Border

The CSS property to change the border of an element to Hex BB6137 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
#BB6137 }
```

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

```
.border{ border-color:#BB6137 }
```

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

Here you see how a box with a 4 pixel #BB6137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6137; -webkit-box-shadow:4px 4px  
4px 4px #BB6137; box-shadow:4px 4px 4px  
4px #BB6137 }
```

Background

The CSS property to change the background color of an element to Hex BB6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6137 }
```

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

```
.background{ background-color:#BB6137 }
```

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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