

Converting Colors

Hex(BB5027)

Have a look what the booklet for
Hex(BB5027) contains.

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Color

Hex(BB5027)

Conversions

Conversions Part 1

Format	Color
Hex	BB5027
RGB	187, 80, 39
RGB Percent	73%, 31%, 15%
CMY	0.2667, 0.6863, 0.8471
CMYK	0.00, 0.57, 0.79, 0.27
HSL	17°, 65%, 44%
HSV	17°, 79%, 73%
XYZ	23.7284, 16.4486, 3.8437
YIQ	107.3190, 76.9330, 9.9330

Conversions

Conversions Part 2

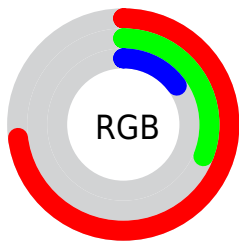
Format	Color
RYB	187, 96, 39
Decimal	12275751
CIELab	47.56, 40.88, 43.97
CIELCh	48, 60.039, 47.090
Yxy	16.4486, 0.5390, 0.3737
Android (android.graphics.Color)	4290465831 (0xFFBB5027)
YUV	107.3190, -33.6813, 69.8802
Hunter-Lab	40.5569, 33.4595, 22.7707

Details

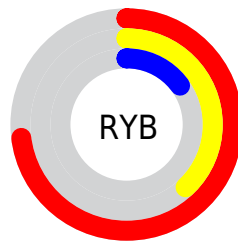
The Hex color **BB5027** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2792BB**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F98457**, and **7F1C00** is the 20% darker color. If you saturate the color by 10%, you get **BB4214**, and if you desaturate by 10%, it is **BB5E3A**.

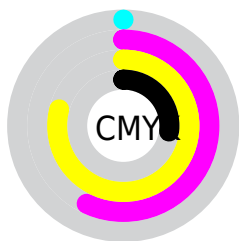
Distribution



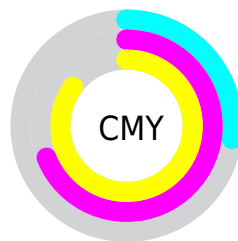
- Red (73%)
- Green (31%)
- Blue (15%)



- Red (73%)
- Yellow (38%)
- Blue (15%)



- Cyan (0%)
- Magenta (57%)
- Yellow (79%)
- Black (27%)



- Cyan (27%)
- Magenta (69%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB5027 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 BB5027 by changing the saturation by 10% instead.

 BB5027

 BB5027

FFFFFF

 9D360F

 F98457

 7F1C00

 FF9F70

 610000

 FFBB8A

 440000

 FFD7A5

 2B0001

 FFF4C0

 000000

 FFFFDC

 FFFFF9

 BB5027

 BB5027

 BB4214

 BB5E3A

 BB3502

 BB6B4C

 BB3400

 BB795F

 BB8672

 BB9485

 BBA197

 BBAFAA

 BBBCBD

 BBCACF

Harmonies

Analogous

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



CA3C56



BB5027



9A6700

Triad

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



BB5027



008658



3A6DD2

Complementary

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



BB5027



2792BB

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.



007DD4



BB5027



00888D

Square

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



BB5027



2C8125



0085BA



9755B6

Rectangle

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



BB5027



7D7200



0085BA



0073D6

Sweetspot

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



BB5027



F2C8B8



BB2794



7A6157



FAFAFA



7A7A7A

Same Dimension

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



BB5027



F24C0C



BB9827



5E5855



9E2C00



1F0800

Inverse Universe

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



2792BB



0CB2F2



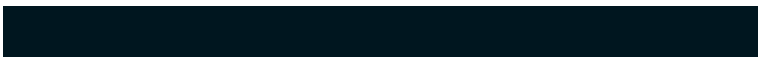
274ABB



555C5E



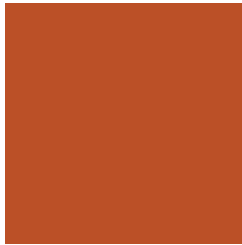
00729E



00161F

Previews

White Background



This preview shows how the Hex color BB5027 looks on a white background.

Color Contrast Check

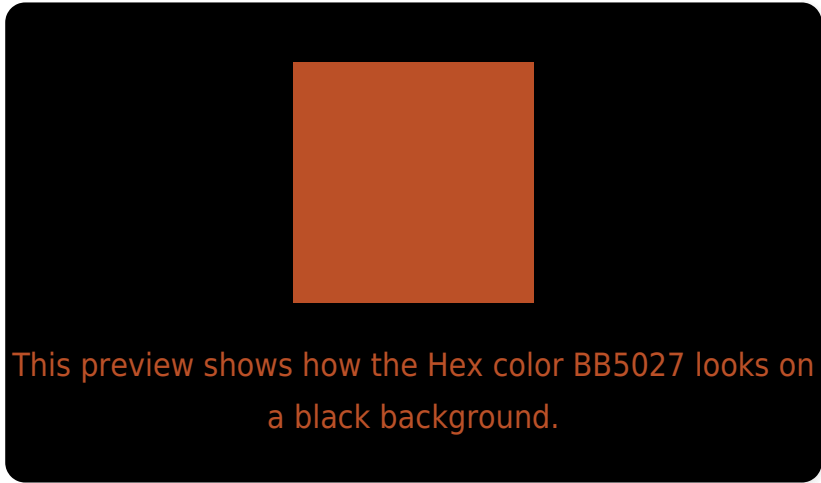
Large Text (above 18pt) WCAG AA ✓ Pass

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

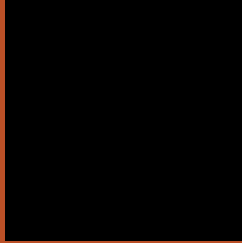
Any Text WCAG AA × Fail

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 BB5027 Background



This preview shows how black text looks on a background with the Hex color BB5027.



This preview shows how white text looks on a background with the Hex color BB5027.

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
BD4B50

Trichromacy



Original Color
BB5027

Protanomaly
94662D

Deuteranomaly
9F6221

Tritanomaly
BC4D41

Monochromacy



Original Color
BB5027

Achromatopsia
6B6B6B

Achromatomaly
886152

CSS Examples

Text

The CSS property to change the color of the text to Hex BB5027 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 #BB5027 looks like.

```
.text, #text, p{  
    color:#BB5027  
}
```

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 #BB5027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5027
}
```

Border

The CSS property to change the border of an element to Hex BB5027 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
#BB5027 }
```

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

```
.border{ border-color:#BB5027 }
```

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

Here you see how a box with a 4 pixel #BB5027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5027; -webkit-box-shadow:4px 4px  
4px 4px #BB5027; box-shadow:4px 4px 4px  
4px #BB5027 }
```

Background

The CSS property to change the background color of an element to Hex BB5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5027 }
```

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

```
.background{ background-color:#BB5027 }
```

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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