

Converting Colors

Hex(BB640D)

Have a look what the booklet for
Hex(BB640D) contains.

Hex(BB640D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BB640D)

Conversions

Conversions Part 1

Format	Color
Hex	BB640D
RGB	187, 100, 13
RGB Percent	73%, 39%, 5%
CMY	0.2667, 0.6078, 0.9490
CMYK	0.00, 0.47, 0.93, 0.27
HSL	30°, 87%, 39%
HSV	30°, 93%, 73%
XYZ	25.1233, 19.7082, 2.8607
YIQ	116.0950, 79.7790, -8.6130

Conversions

Conversions Part 2

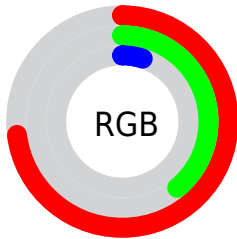
Format	Color
RYB	187, 187, 13
Decimal	12280845
CIELab	51.51, 29.91, 56.93
CIElCh	52, 64.312, 62.282
Yxy	19.7082, 0.5268, 0.4132
Android (android.graphics.Color)	4290470925 (0xFFBB640D)
YUV	116.0950, -50.8258, 62.1837
Hunter-Lab	44.3939, 23.3271, 27.2552

Details

The Hex color **BB640D** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0D64BB**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **F99845**, and **7F3300** is the 20% darker color. If you saturate the color by 10%, you get **BB5E00**, and if you desaturate by 10%, it is **BB6D20**.

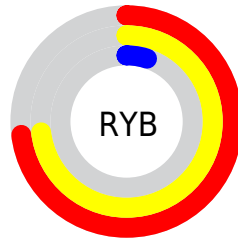
Distribution



Red (73%)

Green (39%)

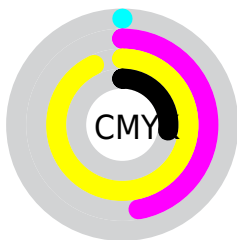
Blue (5%)



Red (73%)

Yellow (73%)

Blue (5%)

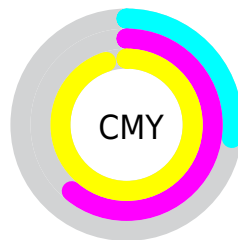


Cyan (0%)

Magenta (47%)

Yellow (93%)

Black (27%)



Cyan (27%)

Magenta (61%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB640D 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 BB640D by changing the saturation by 10% instead.

 BB640D

 BB640D

FFFFFF

 9D4B00

 F99845

 7F3300

 FFB35F

 621C00

 FFCF7A

 450300

 FFE894

 2D0001

 FFFF80

 000000

 FFFF80

 FFFF80

 BB640D

 BB640D

■ BB5E00

■ BB6D20

■ BB7732

■ BB8045

■ BB8958

■ BB936B

■ BB9C7D

■ BBA590

■ BBAFA3

■ BBB8B5

Harmonies

Analogous

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



D64A43



BB640D



907A00

Triad

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



BB640D



00937E



7E6AD9

Complementary

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



BB640D



0D64BB

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.



0080E9



BB640D



0093B4

Square

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



BB640D



009044



008DDC



BF4EAF

Rectangle

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



BB640D



6C8400



008DDC



5972E1

Sweetspot

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



BB640D



F2D0AE



BB0D64



7A6651



FAFAFA



7A7A7A

Same Dimension

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



BB640D



F27900



BBBB0D



5E5A55



9E4F00



1F0F00

Inverse Universe

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



0D64BB



0079F2



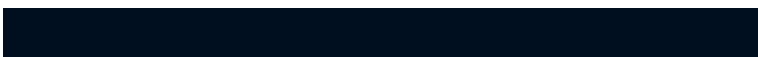
0D0DBB



555A5E



004F9E



000F1F

Previews

White Background



This preview shows how the Hex color BB640D looks on a white background.

Color Contrast Check

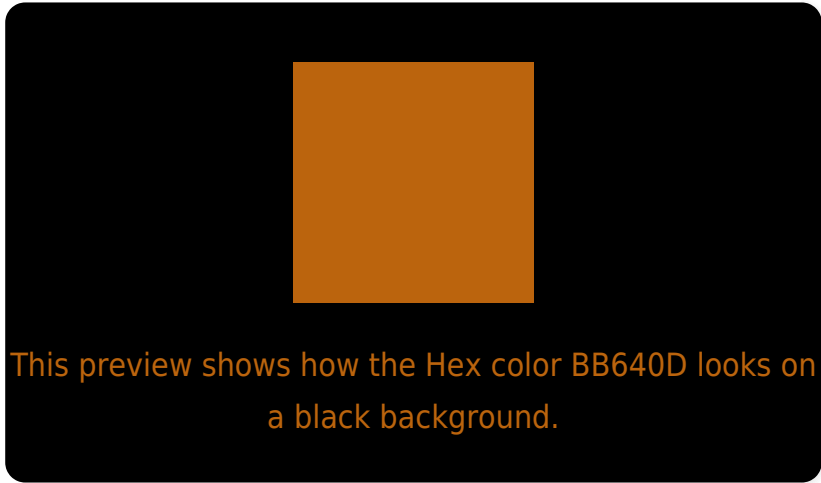
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB640D Background



This preview shows how black text looks on a background with the Hex color BB640D.



This preview shows how white text looks on a background with the Hex color BB640D.

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
BB640D

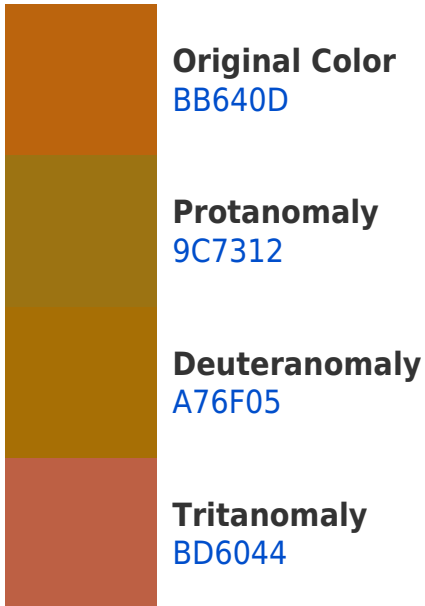
Protanopia
8B7C15

Deuteranopia
9C7500

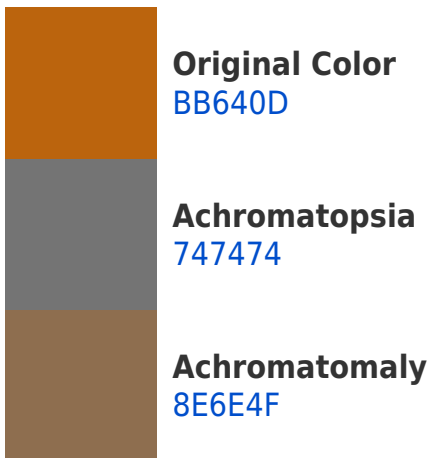


Tritanopia
BE5D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB640D 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 #BB640D looks like.

```
.text, #text, p{  
    color:#BB640D  
}
```

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 #BB640D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB640D
}
```

Border

The CSS property to change the border of an element to Hex BB640D 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
#BB640D }
```

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

```
.border{ border-color:#BB640D }
```

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

Here you see how a box with a 4 pixel #BB640D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB640D; -webkit-box-shadow:4px 4px  
4px 4px #BB640D; box-shadow:4px 4px 4px  
4px #BB640D }
```

Background

The CSS property to change the background color of an element to Hex BB640D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB640D }
```

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

```
.background{ background-color:#BB640D }
```

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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