

Converting Colors

Hex(BB9320)

Have a look what the booklet for
Hex(BB9320) contains.

Hex(BB9320)	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(BB9320)

Conversions

Conversions Part 1

Format	Color
Hex	BB9320
RGB	187, 147, 32
RGB Percent	73%, 58%, 13%
CMY	0.2667, 0.4235, 0.8745
CMYK	0.00, 0.21, 0.83, 0.27
HSL	45°, 71%, 43%
HSV	45°, 83%, 73%
XYZ	31.1879, 31.5365, 5.8099
YIQ	145.8500, 60.7550, -27.2850

Conversions

Conversions Part 2

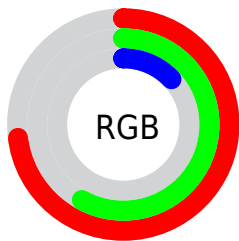
Format	Color
R_{YB}	86, 187, 32
Decimal	12292896
CIE _{Lab}	62.96, 4.53, 60.84
CIE _{LCh}	63, 61.008, 85.740
Yxy	31.5365, 0.4551, 0.4602
Android (android.graphics.Color)	4290482976 (0xFFBB9320)
YUV	145.8500, -56.1280, 36.0886
Hunter-Lab	56.1574, 0.8576, 33.1762

Details

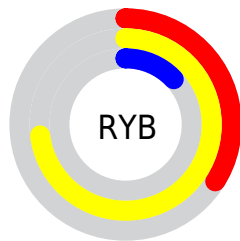
The Hex color **BB9320** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2048BB**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F7C958**, and **816100** is the 20% darker color. If you saturate the color by 10%, you get **BB8E0D**, and if you desaturate by 10%, it is **BB9833**.

Distribution



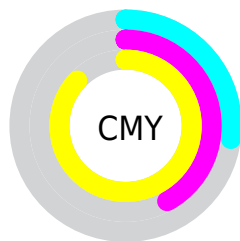
- Red (73%)
- Green (58%)
- Blue (13%)



- Red (34%)
- Yellow (73%)
- Blue (13%)



- Cyan (0%)
- Magenta (21%)
- Yellow (83%)
- Black (27%)



- Cyan (27%)
- Magenta (42%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB9320 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 BB9320 by changing the saturation by 10% instead.

 BB9320

 BB9320

FFFFFF

 9E7900

 F7C958

 816100

 FFE573

 654900

 FFFF8E

 4A3300

 FFFFAA

 301E00

 FFFFC6

 170700

 FFFF E3

 000000

 BB9320

 BB9320

 BB8E0D

 BB9833

■ BB8B00

■ BB9D45

■ BBA158

■ BBA66B

■ BBAB7E

■ BBB090

■ BBB5A3

■ BBBAB6

■ BB8EC8

Harmonies

Analogous

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



E37E3E



BB9320



87A32D

Triad

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



BB9320



00B2C6



D376D6

Complementary

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



BB9320



2048BB

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.



8B8DFB



BB9320



00ADF1

Square

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



BB9320



00B28F



00A1FF



F566A2

Rectangle

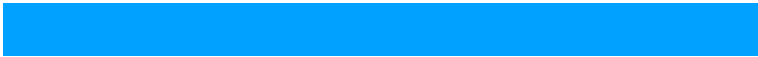
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BB9320



5AAA48



00A1FF



BF7DE5

Sweetspot

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



BB9320



F2E3B6



BB2049



7A7156



FAFAFA



7A7A7A

Same Dimension

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



BB9320



F2B402



97BB20



5E5C55



9E7500



1F1700

Inverse Universe

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



2048BB



0240F2



4420BB



55575E



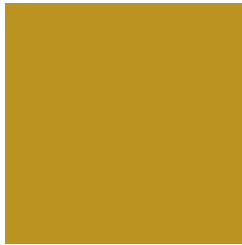
00299E



00081F

Previews

White Background



This preview shows how the Hex color BB9320 looks on a white background.

Color Contrast Check

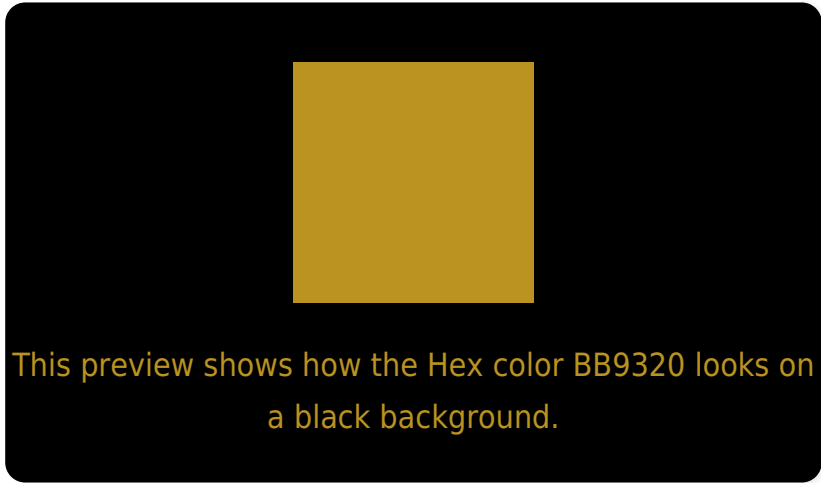
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex BB9320 Background



This preview shows how black text looks on a background with the Hex color BB9320.



This preview shows how white text looks on a background with the Hex color BB9320.

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
BB9320

Protanopia
AC9922

Deuteranopia
C09121

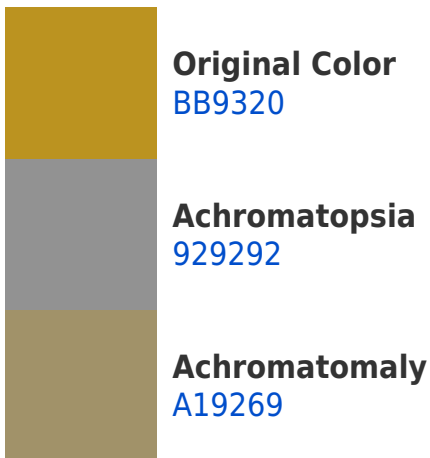


Tritanopia
C28993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB9320 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 #BB9320 looks like.

```
.text, #text, p{  
    color:#BB9320  
}
```

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 #BB9320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9320
}
```

Border

The CSS property to change the border of an element to Hex BB9320 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
#BB9320 }
```

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

```
.border{ border-color:#BB9320 }
```

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

Here you see how a box with a 4 pixel #BB9320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9320; -webkit-box-shadow:4px 4px  
4px 4px #BB9320; box-shadow:4px 4px 4px  
4px #BB9320 }
```

Background

The CSS property to change the background color of an element to Hex BB9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9320 }
```

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

```
.background{ background-color:#BB9320 }
```

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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