

Converting Colors

Hex(BB9020)

Have a look what the booklet for
Hex(BB9020) contains.

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Color

Hex(BB9020)

Conversions

Conversions Part 1

Format	Color
Hex	BB9020
RGB	187, 144, 32
RGB Percent	73%, 56%, 13%
CMY	0.2667, 0.4353, 0.8745
CMYK	0.00, 0.23, 0.83, 0.27
HSL	43°, 71%, 43%
HSV	43°, 83%, 73%
XYZ	30.7275, 30.6156, 5.6564
YIQ	144.0890, 61.5800, -25.7160

Conversions

Conversions Part 2

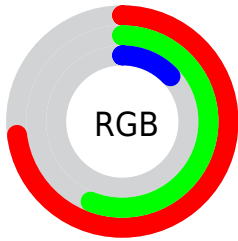
Format	Color
R _Y B	92, 187, 32
Decimal	12292128
CIE Lab	62.18, 6.17, 60.17
CIE LCh	62, 60.486, 84.143
Yxy	30.6156, 0.4586, 0.4570
Android (android.graphics.Color)	4290482208 (0xFFBB9020)
YUV	144.0890, -55.2599, 37.6329
Hunter-Lab	55.3314, 2.2976, 32.6709

Details

The Hex color **BB9020** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **204BBB**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F7C658**, and **815E00** is the 20% darker color. If you saturate the color by 10%, you get **BB8B0D**, and if you desaturate by 10%, it is **BB9533**.

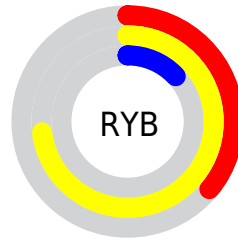
Distribution



Red (73%)

Green (56%)

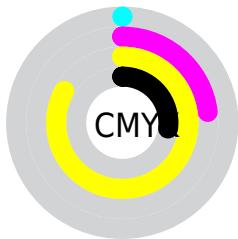
Blue (13%)



Red (36%)

Yellow (73%)

Blue (13%)

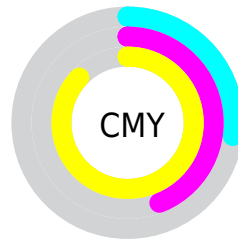


Cyan (0%)

Magenta (23%)

Yellow (83%)

Black (27%)



Cyan (27%)

Magenta (44%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB9020 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 BB9020 by changing the saturation by 10% instead.

 BB9020

 BB9020

FFFFFF

 9E7700

 F7C658

 815E00

 FFE172

 654700

 FFFE8D

 4A3100

 FFFFA9

 301C00

 FFFFC5

 170300

 FFFF E2

 000000

 BB9020

 BB9020

 BB8B0D

 BB9533

 BB8700

 BB9A45

 BBA058

 BBA56B

 BBAA7E

 BBAF90

 BBB4A3

 BBBAB6

 BBBFC8

Harmonies

Analogous

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



E27B3F



BB9020



88A02A

Triad

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



BB9020



00B0C1



CD75D6

Complementary

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



BB9020



204BBB

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.



848DF9



BB9020



00ABEC

Square

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



BB9020



00AF8A



00A0FF



F164A3

Rectangle

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



BB9020



5DA844



00A0FF



B97DE4

Sweetspot

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



BB9020



F2E1B6



BB204C



7A7056



FAFAFA



7A7A7A

Same Dimension

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



BB9020



F2B002



99BB20



5E5C55



9E7200



1F1600

Inverse Universe

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



204BBB



0245F2



4220BB



55585E



002C9E



00081F

Previews

White Background



This preview shows how the Hex color BB9020 looks on a white background.

Color Contrast Check

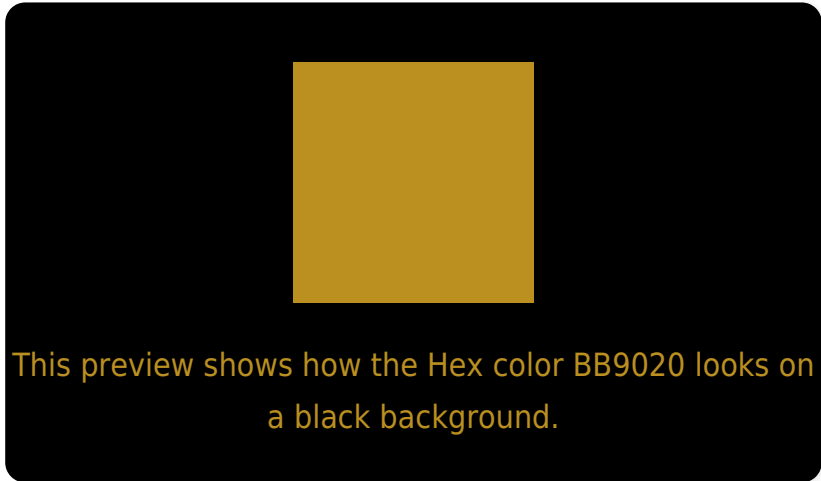
Large Text (above 18pt) WCAG AA × Fail

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 BB9020 Background



This preview shows how black text looks on a background with the Hex color BB9020.



This preview shows how white text looks on a background with the Hex color BB9020.

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
BB9020

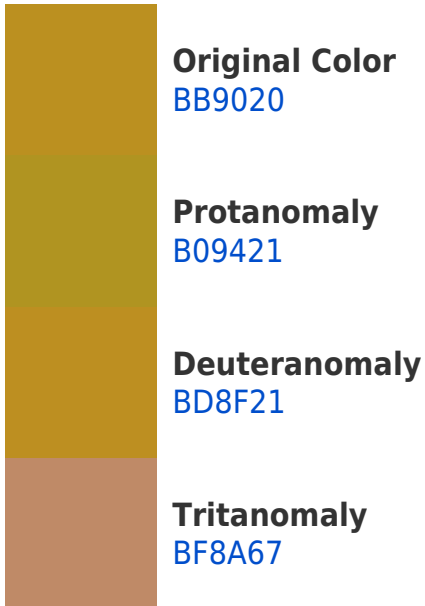
Protanopia
A99722

Deuteranopia
BE8F21

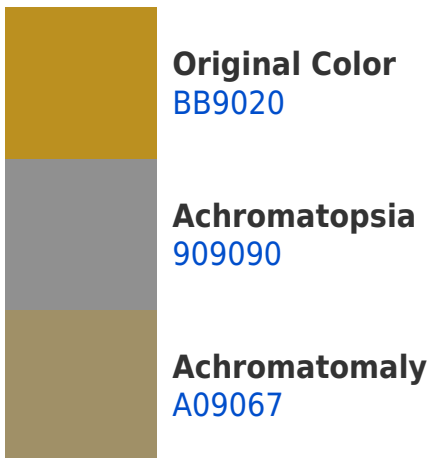


Tritanopia
C28690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB9020 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 #BB9020 looks like.

```
.text, #text, p{  
    color:#BB9020  
}
```

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 #BB9020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9020
}
```

Border

The CSS property to change the border of an element to Hex BB9020 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
#BB9020 }
```

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

```
.border{ border-color:#BB9020 }
```

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

Here you see how a box with a 4 pixel #BB9020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9020; -webkit-box-shadow:4px 4px  
4px 4px #BB9020; box-shadow:4px 4px 4px  
4px #BB9020 }
```

Background

The CSS property to change the background color of an element to Hex BB9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9020 }
```

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

```
.background{ background-color:#BB9020 }
```

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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