

Converting Colors

Hex(B19007)

Have a look what the booklet for
Hex(B19007) contains.

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Color

Hex(B19007)

Conversions

Conversions Part 1

Format	Color
Hex	B19007
RGB	177, 144, 7
RGB Percent	69%, 56%, 3%
CMY	0.3059, 0.4353, 0.9725
CMYK	0.00, 0.19, 0.96, 0.31
HSL	48°, 92%, 36%
HSV	48°, 96%, 69%
XYZ	28.1431, 29.3090, 4.3749
YIQ	138.2490, 63.6450, -35.6110

Conversions

Conversions Part 2

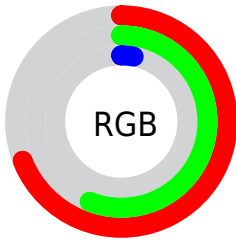
Format	Color
RYB	48, 177, 7
Decimal	11636743
CIELab	61.05, 1.13, 64.35
CIELCh	61, 64.359, 88.992
Yxy	29.3090, 0.4552, 0.4740
Android (android.graphics.Color)	4289826823 (0xFFB19007)
YUV	138.2490, -64.7058, 33.9846
Hunter-Lab	54.1378, -1.9493, 33.1052

Details

The Hex color **B19007** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **0728B1**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **EDC54A**, and **785E00** is the 20% darker color. If you saturate the color by 10%, you get **B18F00**, and if you desaturate by 10%, it is **B19319**.

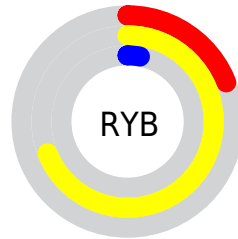
Distribution



Red (69%)

Green (56%)

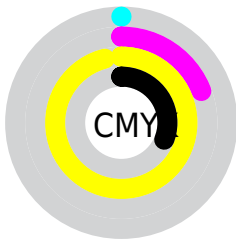
Blue (3%)



Red (19%)

Yellow (69%)

Blue (3%)

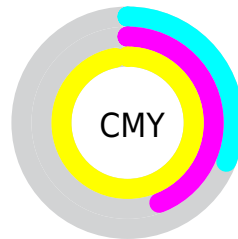


Cyan (0%)

Magenta (19%)

Yellow (96%)

Black (31%)



Cyan (31%)

Magenta (44%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color B19007 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 B19007 by changing the saturation by 10% instead.

 B19007

 B19007

FFFFFF

 947700

 EDC54A

 785E00

 FFE166

 5C4700

 FFFE81

 413100

 FFFF9C

 271C00

 FFFFB9

 090300

 FFFFD5

 000000

 FFFFF2

 B19007

 B19007

 B18F00

 B19319

 B1972A

 B19A3C

 B19E4E

 B1A15F

 B1A571

 B1A883

 B1AB95

 B1AFA6

Harmonies

Analogous

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



DC7A2F



B19007



79A022

Triad

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



B19007



00ADC9



D66BCF

Complementary

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



B19007



0728B1

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.



8E85F7



B19007



00A8F4

Square

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



B19007



00AE90



009BFF



F65B98

Rectangle

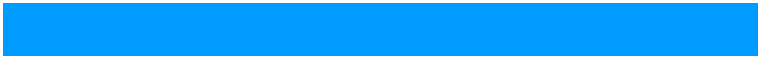
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B19007



46A743



009BFF



C374DF

Sweetspot

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



B19007



E6D9A3



B10729



736B4B



F2F2F2



737373

Same Dimension

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



B19007



E6B900



7EB107



595850



997B00



1A1500

Inverse Universe

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



0728B1



002DE6



3A07B1



505259



001E99



00051A

Previews

White Background



This preview shows how the Hex color B19007 looks on a white background.

Color Contrast Check

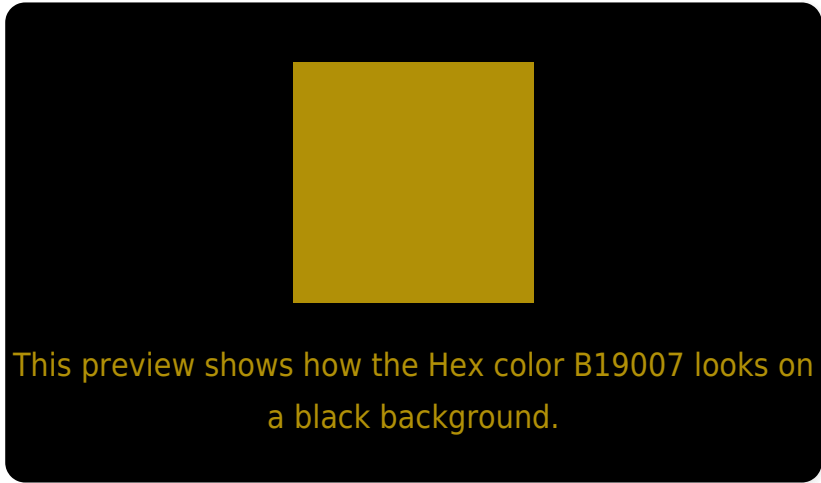
Large Text (above 18pt) WCAG AA ✓ Pass

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 B19007 Background



This preview shows how black text looks on a background with the Hex color B19007.

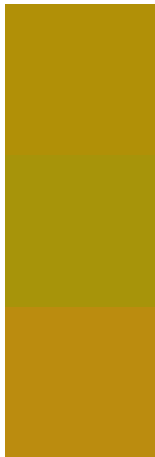


This preview shows how white text looks on a background with the Hex color B19007.

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
B19007

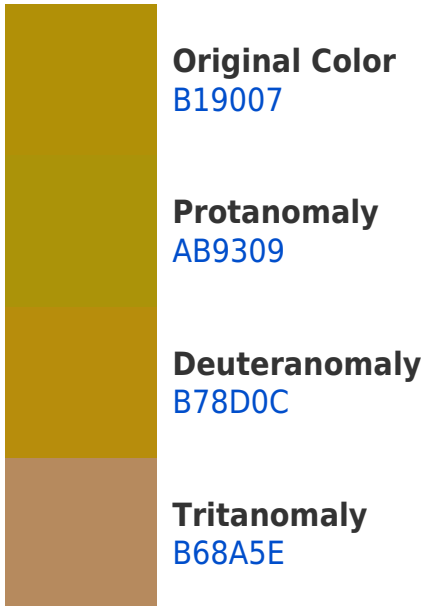
Protanopia
A7940A

Deuteranopia
BB8C0F

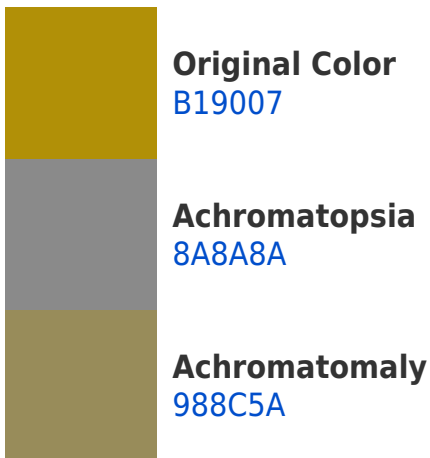


Tritanopia
B98690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B19007 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 #B19007 looks like.

```
.text, #text, p{  
    color:#B19007  
}
```

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 #B19007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B19007
}
```

Border

The CSS property to change the border of an element to Hex B19007 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
#B19007 }
```

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

```
.border{ border-color:#B19007 }
```

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

Here you see how a box with a 4 pixel #B19007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B19007; -webkit-box-shadow:4px 4px  
4px 4px #B19007; box-shadow:4px 4px 4px  
4px #B19007 }
```

Background

The CSS property to change the background color of an element to Hex B19007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B19007 }
```

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

```
.background{ background-color:#B19007 }
```

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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