

# Converting Colors

Hex(B1935C)

Have a look what the booklet for  
Hex(B1935C) contains.

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**Color**

**Hex(B1935C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1935C
RGB	177, 147, 92
RGB Percent	69%, 58%, 36%
CMY	0.3059, 0.4235, 0.6392
CMYK	0.00, 0.17, 0.48, 0.31
HSL	39°, 35%, 53%
HSV	39°, 48%, 69%
XYZ	30.4969, 30.9873, 14.4990
YIQ	149.7000, 35.5350, -10.7450

# Conversions

## Conversions Part 2

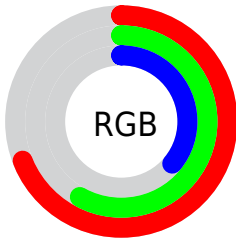
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 177, 92
Decimal	11637596
CIELab	62.50, 3.95, 33.21
CIElCh	62, 33.443, 83.211
Yxy	30.9873, 0.4014, 0.4078
Android (android.graphics.Color)	4289827676 (0xFFB1935C)
YUV	149.7000, -28.4461, 23.9421
Hunter-Lab	55.6662, 0.3761, 23.5235

# Details

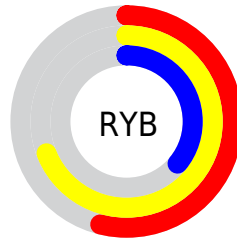
The Hex color **B1935C** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5C7AB1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EAC98F**, and **7A612C** is the 20% darker color. If you saturate the color by 10%, you get **B18D4A**, and if you desaturate by 10%, it is **B1996E**.

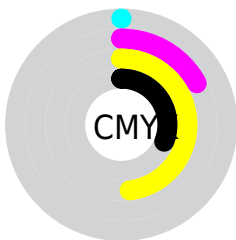
# Distribution



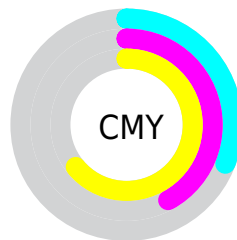
- Red (69%)
- Green (58%)
- Blue (36%)



- Red (54%)
- Yellow (69%)
- Blue (36%)



- Cyan (0%)
- Magenta (17%)
- Yellow (48%)
- Black (31%)



- Cyan (31%)
- Magenta (42%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1935C 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 B1935C by changing the saturation by 10% instead.



 B1935C

 B1935C

FFFFFF

 957944

 EAC98F

 7A612C

 FFE5AA

 604915

 FFFFC5

 473300

 FFFFE2

 2E1E00

FFFFFFE

 150600

 000000

 B1935C

 B1935C

 B18D4A

 B1996E

 B18739

 B19F7F

 B18027

 B1A691

 B17A15

 B1ACA3

 B17403

 B1B2B5

 B17300

 B1B8C6

 B1BFD8

 B1C5EA

 B1CBFB

# Harmonies

## Analogous

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



C78969



B1935C



939C60

# Triad

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



B1935C



25A7AD



B687BB

# Complementary

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



B1935C



5C7AB1

# 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.



9192CE



B1935C



30A3C6

# Square

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



B1935C



4BA78F



619CD2



CC819F

# Rectangle

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



B1935C



7DA16B



619CD2



AB8BC3



# Sweetspot

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



B1935C



E6DAC5



B15C7B



736C5F



F2F2F2



737373



# Same Dimension

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



B1935C



E6B760



A6B15C



595650



996300



1A1000



# Inverse Universe

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



5C7AB1



608FE6



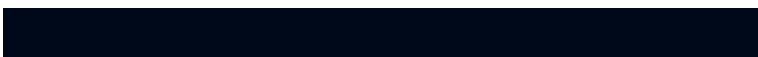
675CB1



505359



003699



00091A



# Previews

## White Background



This preview shows how the Hex color B1935C looks on a white background.

## Color Contrast Check

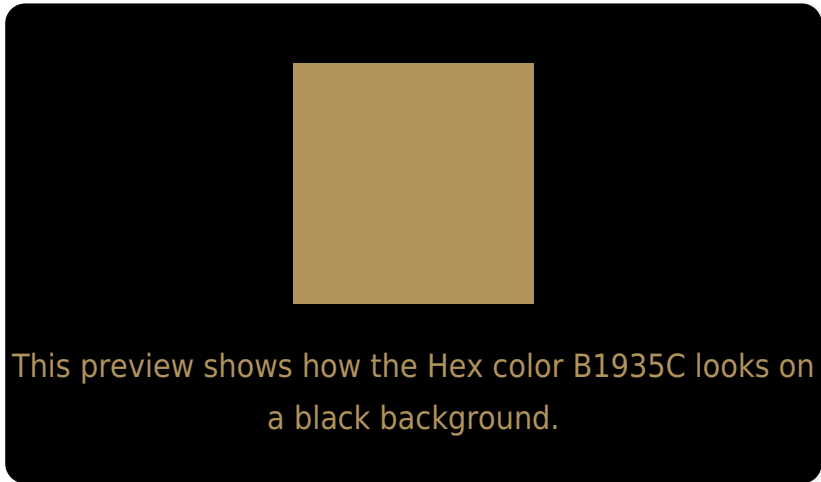
Large Text (above 18pt) WCAG AA × Fail

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 B1935C Background



This preview shows how black text looks on a background with the Hex color B1935C.



This preview shows how white text looks on a background with the Hex color B1935C.

# 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**  
B1935C

**Protanopia**  
A5975E

**Deuteranopia**  
B7905D

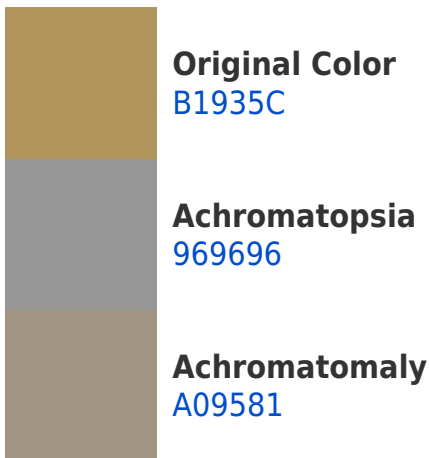


**Tritanopia**  
B78C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1935C 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 #B1935C looks like.

```
.text, #text, p{  
    color:#B1935C  
}
```

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 #B1935C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1935C
}
```

## Border

The CSS property to change the border of an element to Hex B1935C 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
#B1935C }
```

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

```
.border{ border-color:#B1935C }
```

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

Here you see how a box with a 4 pixel #B1935C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1935C; -webkit-box-shadow:4px 4px  
4px 4px #B1935C; box-shadow:4px 4px 4px  
4px #B1935C }
```

# Background

The CSS property to change the background color of an element to Hex B1935C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1935C }
```

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

```
.background{ background-color:#B1935C }
```

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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