

# Converting Colors

Hex(B36918)

Have a look what the booklet for  
Hex(B36918) contains.

<b>Hex(B36918)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B36918)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B36918
RGB	179, 105, 24
RGB Percent	70%, 41%, 9%
CMY	0.2980, 0.5882, 0.9059
CMYK	0.00, 0.41, 0.87, 0.30
HSL	31°, 76%, 40%
HSV	31°, 87%, 70%
XYZ	23.8069, 19.7528, 3.4221
YIQ	117.8920, 70.1050, -9.5030

# Conversions

## Conversions Part 2

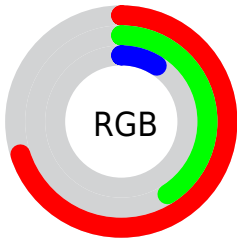
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">166, 179, 24</a>
Decimal	<a href="#">11757848</a>
CIELab	<a href="#">51.56, 23.99, 53.36</a>
CIELCh	<a href="#">52, 58.504, 65.795</a>
Yxy	<a href="#">19.7528, 0.5067, 0.4204</a>
Android (android.graphics.Color)	<a href="#">4289947928 (0xFFB36918)</a>
YUV	<a href="#">117.8920, -46.2888, 53.5917</a>
Hunter-Lab	<a href="#">44.4441, 17.8377, 26.5457</a>

# Details

The Hex color **B36918** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1862B3**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F09D4D**, and **793900** is the 20% darker color. If you saturate the color by 10%, you get **B36006**, and if you desaturate by 10%, it is **B3722A**.

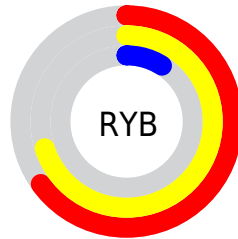
# Distribution



Red (70%)

Green (41%)

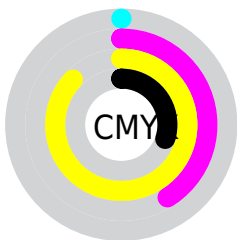
Blue (9%)



Red (65%)

Yellow (70%)

Blue (9%)

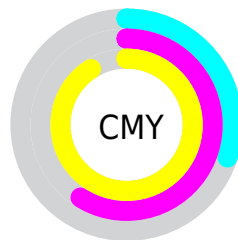


Cyan (0%)

Magenta (41%)

Yellow (87%)

Black (30%)



Cyan (30%)

Magenta (59%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B36918 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 B36918 by changing the saturation by 10% instead.



 B36918

 B36918

FFFFFF

 955100

 F09D4D

 793900

 FF8866

 5C2200

 FFD381

 400C00

 FFF09B

 280000

 FFFF87

 000000

 FFFF87

FFFD3

 FFFF87

FFFFF0

 B36918

 B36918

 B36006

 B3722A

 B35E00

 B37A3C

 B3834E

 B38B60

 B39471

 B39C83

 B3A595

 B3ADA7

 B3B6B9

# Harmonies

## Analogous

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



CE5343



B36918



8A7C00

# Triad

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



B36918



009283



8869CD

# Complementary

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



B36918



1862B3

# 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.



007EDF



B36918



0091B4

# Square

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



B36918



008F50



008BD6



BE52A5

# Rectangle

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



B36918



698510



008BD6



6C71D6



# Sweetspot

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



B36918



E8CBAC



B31863



756451



F5F5F5



757575



# Same Dimension

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



B36918



E87900



B0B318



595550



995000



1A0D00



# Inverse Universe

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



1862B3



006FE8



1B18B3



505559



004999



000C1A



# Previews

## White Background



This preview shows how the Hex color B36918 looks on a white background.

## Color Contrast Check

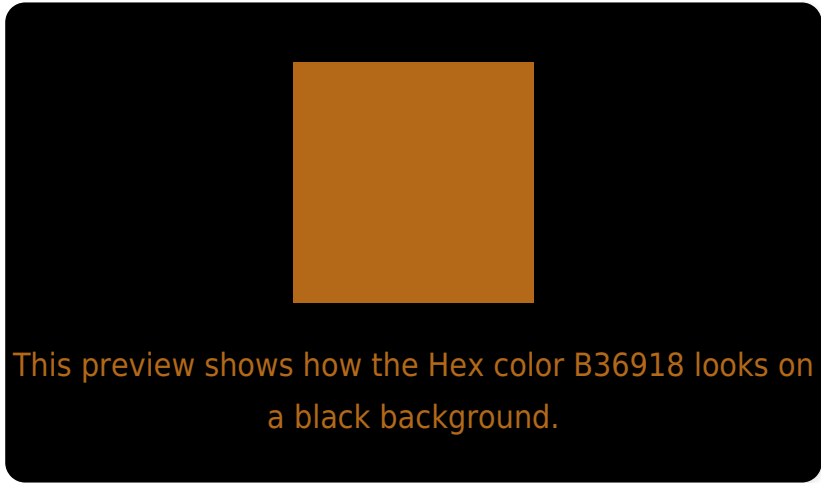
Large Text (above 18pt) WCAG AA ✓ Pass

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 B36918 Background



This preview shows how black text looks on a background with the Hex color B36918.



This preview shows how white text looks on a background with the Hex color B36918.

# 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**  
B36918

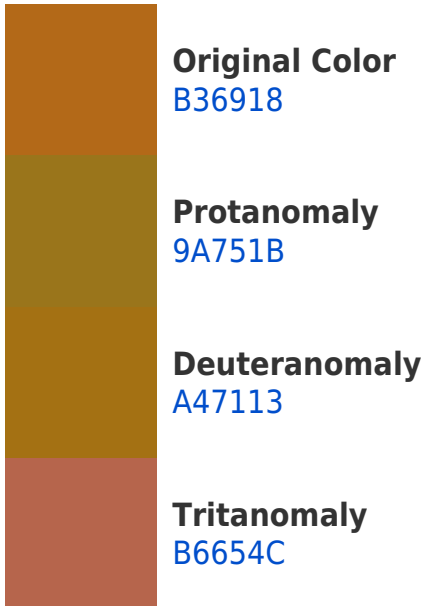
**Protanopia**  
8B7C1D

**Deuteranopia**  
9C7510

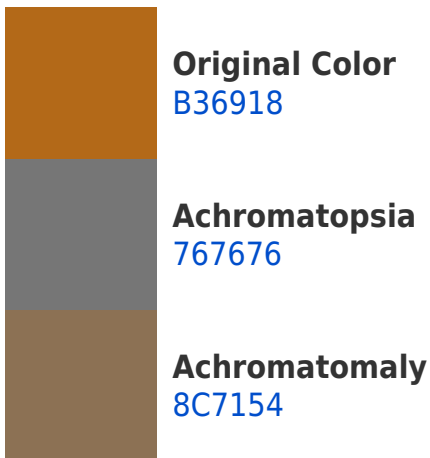


**Tritanopia**  
B76269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B36918 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 #B36918 looks like.

```
.text, #text, p{  
    color:#B36918  
}
```

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 #B36918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B36918
}
```

## Border

The CSS property to change the border of an element to Hex B36918 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
#B36918 }
```

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

```
.border{ border-color:#B36918 }
```

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

Here you see how a box with a 4 pixel #B36918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B36918; -webkit-box-shadow:4px 4px  
4px 4px #B36918; box-shadow:4px 4px 4px  
4px #B36918 }
```

# Background

The CSS property to change the background color of an element to Hex B36918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B36918 }
```

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

```
.background{ background-color:#B36918 }
```

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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