

Converting Colors

Hex(B1511F)

Have a look what the booklet for
Hex(B1511F) contains.

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Color

Hex(B1511F)

Conversions

Conversions Part 1

Format	Color
Hex	B1511F
RGB	177, 81, 31
RGB Percent	69%, 32%, 12%
CMY	0.3059, 0.6824, 0.8784
CMYK	0.00, 0.54, 0.82, 0.31
HSL	21°, 70%, 41%
HSV	21°, 82%, 69%
XYZ	21.3212, 15.3309, 3.1317
YIQ	104.0040, 73.2660, 4.8020

Conversions

Conversions Part 2

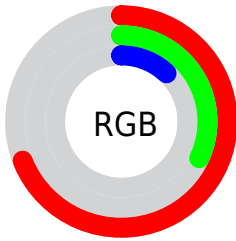
Format	Color
RYB	177, 107, 31
Decimal	11620639
CIELab	46.08, 36.20, 45.76
CIELCh	46, 58.351, 51.655
Yxy	15.3309, 0.5359, 0.3854
Android (android.graphics.Color)	4289810719 (0xFFB1511F)
YUV	104.0040, -35.9910, 64.0175
Hunter-Lab	39.1547, 28.6793, 22.6661

Details

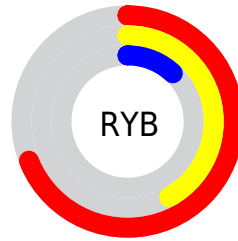
The Hex color **B1511F** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1F7FB1**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **EE844F**, and **761F00** is the 20% darker color. If you saturate the color by 10%, you get **B1450D**, and if you desaturate by 10%, it is **B15D31**.

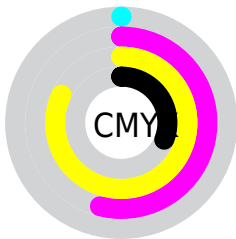
Distribution



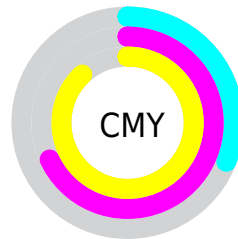
- Red (69%)
- Green (32%)
- Blue (12%)



- Red (69%)
- Yellow (42%)
- Blue (12%)



- Cyan (0%)
- Magenta (54%)
- Yellow (82%)
- Black (31%)



- Cyan (31%)
- Magenta (68%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1511F 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 B1511F by changing the saturation by 10% instead.

 B1511F

 B1511F

FFFFFF

 933804

 EE844F

 761F00

 FF9F69

 580200

 FFBB82

 3C0000

 FFD79D

 210001

 FFF4B8

 000000


 FFFFD4

 FFFFF1

 B1511F

 B1511F

 B1450D

 B15D31

 B13D00

 B16842

 B17454

 B18066

 B18B78

 B19789

 B1A29B

 B1AEAD

 B1BABE

Harmonies

Analogous

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



C33C4C



B1511F



8F6600

Triad

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



B1511F



00825D



4E66C9

Complementary

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



B1511F



1F7FB1

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.



0077CE



B1511F



008390

Square

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



B1511F



187E2B



0080B9



9A4FAA

Rectangle

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



B1511F



727100



0080B9



046DCE

Sweetspot

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



B1511F



E6C0AC



B11F80



735C50



F2F2F2



737373

Same Dimension

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



B1511F



E65002



B1991F



595350



993400



1A0900

Inverse Universe

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



1F7FB1



0298E6



1F37B1



505659



006599



00111A

Previews

White Background



This preview shows how the Hex color B1511F looks on a white 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

Black 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

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

Hex B1511F Background



This preview shows how black text looks on a background with the Hex color B1511F.



This preview shows how white text looks on a background with the Hex color B1511F.

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
B1511F

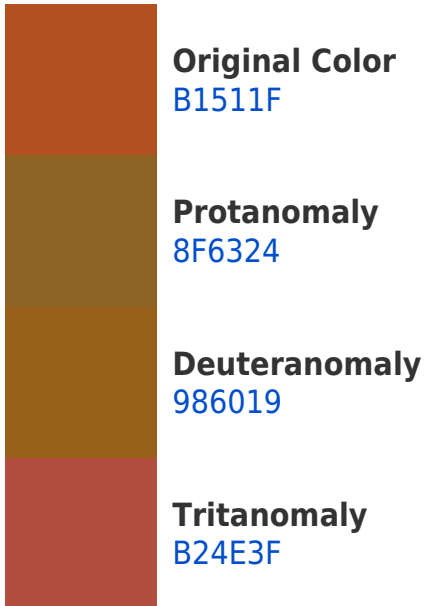
Protanopia
7B6E27

Deuteranopia
8A6815

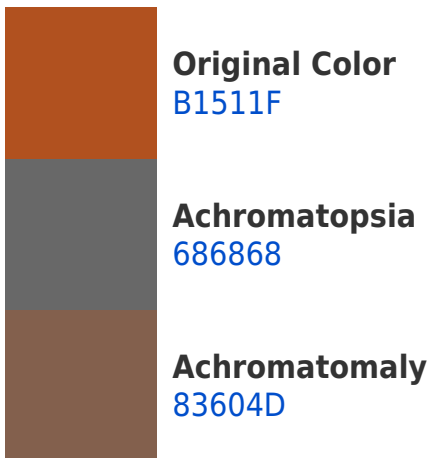


Tritanopia
B34C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1511F 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 #B1511F looks like.

```
.text, #text, p{  
    color:#B1511F  
}
```

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 #B1511F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1511F
}
```

Border

The CSS property to change the border of an element to Hex B1511F is called "border". The border property can be set on classes, ids or directly on the HTML element.

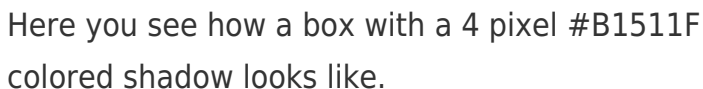
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1511F }
```

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

```
.border{ border-color:#B1511F }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is "Here you see how a box with a 4 pixel #B1511F colored shadow looks like." data-bbox="137 528 878 608"/>

Here you see how a box with a 4 pixel #B1511F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1511F; -webkit-box-shadow:4px 4px  
4px 4px #B1511F; box-shadow:4px 4px 4px  
4px #B1511F }
```

Background

The CSS property to change the background color of an element to Hex B1511F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1511F }
```

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

```
.background{ background-color:#B1511F }
```

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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