

Converting Colors

Hex(4B1D11)

Have a look what the booklet for
Hex(4B1D11) contains.

| | |
|--|----|
| Hex(4B1D11) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(4B1D11)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 4B1D11 |
| RGB | 75, 29, 17 |
| RGB Percent | 29%, 11%, 7% |
| CMY | 0.7059, 0.8863, 0.9333 |
| CMYK | 0.00, 0.61, 0.77, 0.71 |
| HSL | 12°, 63%, 18% |
| HSV | 12°, 77%, 29% |
| XYZ | 3.4422, 2.4151, 0.8150 |
| YIQ | 41.3860, 31.2680, 6.0200 |

Conversions

Conversions Part 2

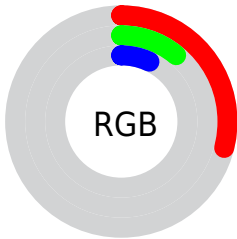
| Format | Color |
|-------------------------------------|--|
| RYB | 75, 32, 17 |
| Decimal | 4922641 |
| CIELab | 17.53, 20.90, 18.57 |
| CIElCh | 18, 27.955, 41.617 |
| Yxy | 2.4151, 0.5159, 0.3620 |
| Android (android.graphics.Color) | 4283112721 (0xFF4B1D11) |
| YUV | 41.3860, -12.0223, 29.4795 |
| Hunter-Lab | 15.5405, 12.3418, 7.7688 |

Details

The Hex color **4B1D11** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **113F4B**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **804A3B**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **4B1709**, and if you desaturate by 10%, it is **4B2318**.

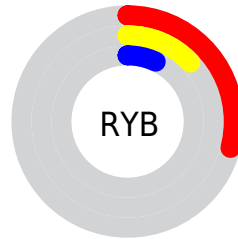
Distribution



Red (29%)

Green (11%)

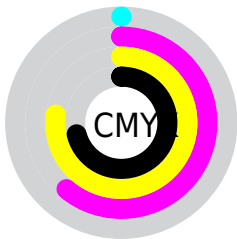
Blue (7%)



Red (29%)

Yellow (13%)

Blue (7%)

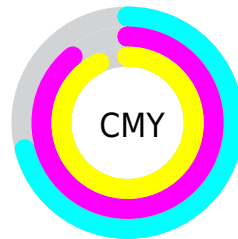


Cyan (0%)

Magenta (61%)

Yellow (77%)

Black (71%)



Cyan (71%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1D11 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 4B1D11 by changing the saturation by 10% instead.

 4B1D11

 4B1D11

 FFFFFF1

 320700

 804A3B

 160000

 9B6353

 000000

 B77C6B

 D39684

 F1B19E

 FFCCB9

 FFE9D5

 4B1D11

 4B1D11

■ 4B1709

■ 4B2318

■ 4B1102

■ 4B2920

■ 4B1000

■ 4B2F27

■ 4B352F

■ 4B3B37

■ 4B413E

■ 4B4746

■ 4B4D4D

■ 4B5354

Harmonies

Analogous

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



4F1724



4B1D11



3F2500

Triad

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



4B1D11



00341E



0E2B53

Complementary

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



4B1D11



113F4B

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.



003151



4B1D11



003432

Square

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



4B1D11



183109



003445



362249

Rectangle

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



4B1D11



352A00



003445



002D53

Sweetspot

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



4B1D11



614F4B



4B113F



302623



B0B0B0



303030

Same Dimension

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



4B1D11



611907



4B3A11



262322



661500



E62F00

Inverse Universe

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



113F4B



074E61



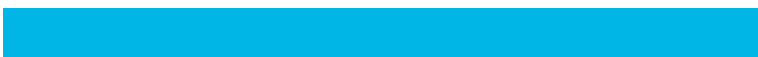
11224B



222526



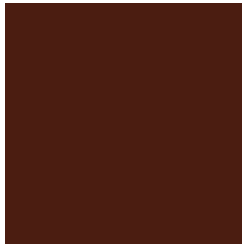
005166



00B6E6

Previews

White Background



This preview shows how the Hex color 4B1D11 looks on a white background.

Color Contrast Check

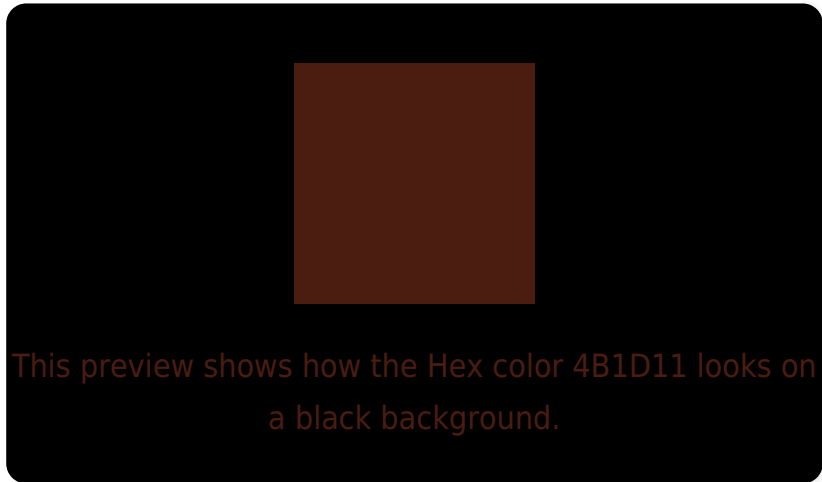
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

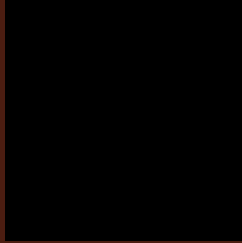
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4B1D11 Background



This preview shows how black text looks on a background with the Hex color 4B1D11.

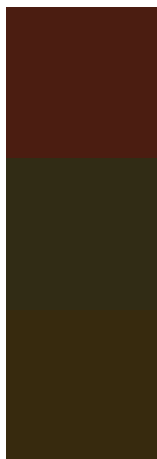


This preview shows how white text looks on a background with the Hex color 4B1D11.

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
4B1D11

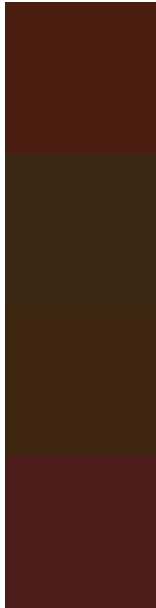
Protanopia
312C15

Deuteranopia
372A0E



Tritanopia
4B1C1D

Trichromacy



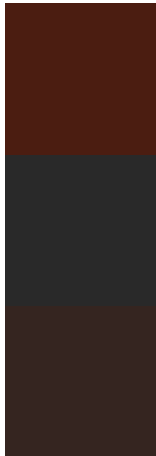
Original Color
4B1D11

Protanomaly
3A2714

Deuteranomaly
3E250F

Tritanomaly
4B1C19

Monochromacy



Original Color
4B1D11

Achromatopsia
292929

Achromatomaly
352520

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1D11 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 #4B1D11 looks like.

```
.text, #text, p{  
    color:#4B1D11  
}
```

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 #4B1D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1D11
}
```

Border

The CSS property to change the border of an element to Hex 4B1D11 is called "border". The border property can be set on classes, ids or directly on the HTML element.

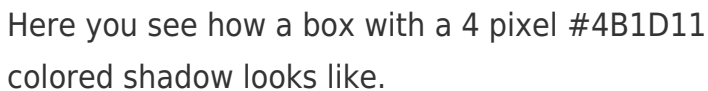
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B1D11 }
```

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

```
.border{ border-color:#4B1D11 }
```

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



Here you see how a box with a 4 pixel #4B1D11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1D11; -webkit-box-shadow:4px 4px  
4px 4px #4B1D11; box-shadow:4px 4px 4px  
4px #4B1D11 }
```

Background

The CSS property to change the background color of an element to Hex 4B1D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1D11 }
```

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

```
.background{ background-color:#4B1D11 }
```

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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