

Converting Colors

Hex(4B1E46)

Have a look what the booklet for
Hex(4B1E46) contains.

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Color

Hex(4B1E46)

Conversions

Conversions Part 1

Format	Color
Hex	4B1E46
RGB	75, 30, 70
RGB Percent	29%, 12%, 27%
CMY	0.7059, 0.8824, 0.7255
CMYK	0.00, 0.60, 0.07, 0.71
HSL	307°, 43%, 21%
HSV	307°, 60%, 29%
XYZ	4.4714, 2.8666, 6.1120
YIQ	48.0150, 13.9800, 21.9800

Conversions

Conversions Part 2

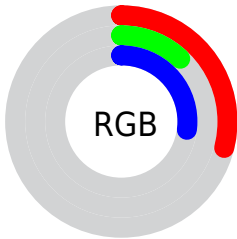
Format	Color
R_{YB}	75, 30, 70
Decimal	4922950
CIE _{Lab}	19.50, 27.47, -15.37
CIE _{LCh}	20, 31.480, 330.778
Yxy	2.8666, 0.3324, 0.2131
Android (android.graphics.Color)	4283113030 (0xFF4B1E46)
YUV	48.0150, 10.8386, 23.6658
Hunter-Lab	16.9310, 17.5118, -9.5516

Details

The Hex color **4B1E46** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1E4B23**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7D4D76**, and **21001B** is the 20% darker color. If you saturate the color by 10%, you get **4B1745**, and if you desaturate by 10%, it is **4B2647**.

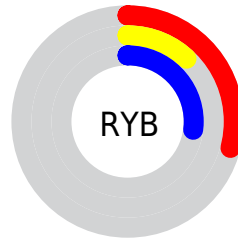
Distribution



Red (29%)

Green (12%)

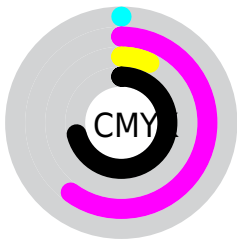
Blue (27%)



Red (29%)

Yellow (12%)

Blue (27%)

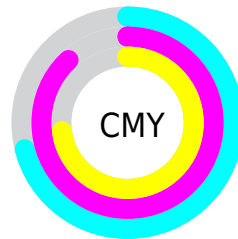


Cyan (0%)

Magenta (60%)

Yellow (7%)

Black (71%)



Cyan (71%)

Magenta (88%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1E46 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 4B1E46 by changing the saturation by 10% instead.



4B1E46



4B1E46

FFFFFF



33072F



7D4D76



21001B



986590



000000



B37FAB



CF99C6



EBB4E2



FFD0FF



FFECFF



4B1E46



4B1E46

■ 4B1745

■ 4B2647

■ 4B0F44

■ 4B2D48

■ 4B0744

■ 4B3549

■ 4B0043

■ 4B3C49

■ 4B444A

■ 4B4B4B

■ 4B534C

■ 4B5A4D

■ 4B624E

Harmonies

Analogous

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



2F2957



4B1E46



571730

Triad

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



4B1E46



3A2E00



003A46

Complementary

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



4B1E46



1E4B23

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.



003A2F



4B1E46



233500

Square

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



4B1E46



4C2502



003818



003757

Rectangle

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



4B1E46



581920



003818



003A3F

Sweetspot

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



4B1E46



614F5F



221E4B



30262F



B0B0B0



303030

Same Dimension

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



4B1E46



611B59



4B1E30



262226



66005B



E600CC

Inverse Universe

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



4B1E46



611B59



1E4B39



262226



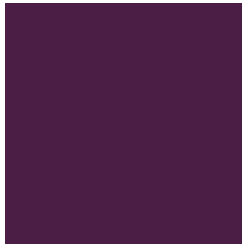
66005B



E600CC

Previews

White Background



This preview shows how the Hex color 4B1E46 looks on a white background.

Color Contrast Check

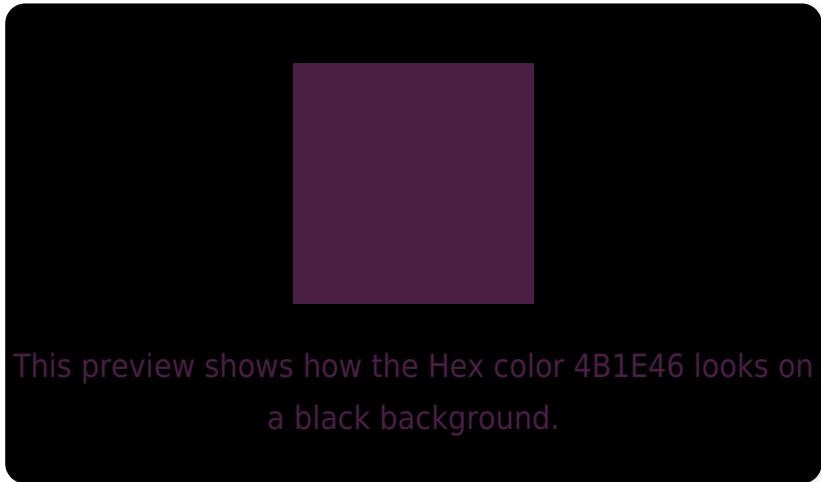
Large Text (above 18pt) WCAG AA ✓ Pass

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

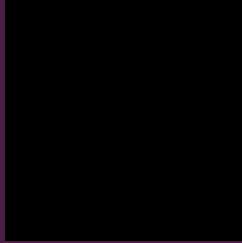
Any Text WCAG AA × Fail

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 4B1E46 Background



This preview shows how black text looks on a background with the Hex color 4B1E46.



This preview shows how white text looks on a background with the Hex color 4B1E46.

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
4B1E46

Protanopia
1F2F55

Deuteranopia
2A3043



Tritanopia
482629

Trichromacy



Original Color
4B1E46

Protanomaly
2F2950

Deuteranomaly
362944

Tritanomaly
492334

Monochromacy



Original Color
4B1E46

Achromatopsia
303030

Achromatomaly
3A2938

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1E46 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 #4B1E46 looks like.

```
.text, #text, p{  
    color:#4B1E46  
}
```

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 #4B1E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1E46
}
```

Border

The CSS property to change the border of an element to Hex 4B1E46 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
#4B1E46 }
```

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

```
.border{ border-color:#4B1E46 }
```

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

Here you see how a box with a 4 pixel #4B1E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1E46; -webkit-box-shadow:4px 4px  
4px 4px #4B1E46; box-shadow:4px 4px 4px  
4px #4B1E46 }
```

Background

The CSS property to change the background color of an element to Hex 4B1E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1E46 }
```

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

```
.background{ background-color:#4B1E46 }
```

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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