

Converting Colors

Hex(4C1D45)

Have a look what the booklet for
Hex(4C1D45) contains.

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Color

Hex(4C1D45)

Conversions

Conversions Part 1

Format	Color
Hex	4C1D45
RGB	76, 29, 69
RGB Percent	30%, 11%, 27%
CMY	0.7020, 0.8863, 0.7294
CMYK	0.00, 0.62, 0.09, 0.70
HSL	309°, 45%, 21%
HSV	309°, 62%, 30%
XYZ	4.4940, 2.8449, 5.9425
YIQ	47.6130, 15.1720, 22.4040

Conversions

Conversions Part 2

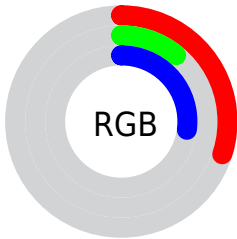
Format	Color
R_{YB}	76, 29, 69
Decimal	4988229
CIE Lab	19.41, 28.17, -14.81
CIE LCh	19, 31.821, 332.265
Yxy	2.8449, 0.3384, 0.2142
Android (android.graphics.Color)	4283178309 (0xFF4C1D45)
YUV	47.6130, 10.5438, 24.8954
Hunter-Lab	16.8668, 18.0430, -9.0821

Details

The Hex color **4C1D45** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1D4C24**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7E4C75**, and **21001A** is the 20% darker color. If you saturate the color by 10%, you get **4C1544**, and if you desaturate by 10%, it is **4C2546**.

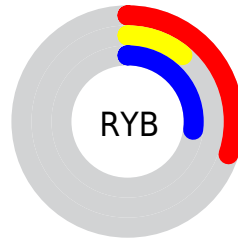
Distribution



Red (30%)

Green (11%)

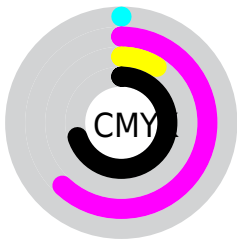
Blue (27%)



Red (30%)

Yellow (11%)

Blue (27%)

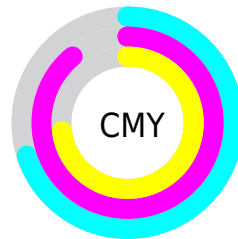


Cyan (0%)

Magenta (62%)

Yellow (9%)

Black (70%)



Cyan (70%)

Magenta (89%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1D45 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 4C1D45 by changing the saturation by 10% instead.

 4C1D45

 4C1D45

FFFFFF

 34052F

 7E4C75

 21001A

 99648F

 000000

 B47EAA

 D098C5

 EDB3E1

 FFCFFE

 FFE8FF

 4C1D45

 4C1D45

■ 4C1544

■ 4C2546

■ 4C0E43

■ 4C2C47

■ 4C0642

■ 4C3448

■ 4C0041

■ 4C3B4A

■ 4C434B

■ 4C4B4C

■ 4C524D

■ 4C5A4E

■ 4C614F

Harmonies

Analogous

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



312856



4C1D45



57172E

Triad

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



4C1D45



392E00



003947

Complementary

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



4C1D45



1D4C24

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.



003A30



4C1D45



213500

Square

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



4C1D45



4B2500



003818



003758

Rectangle

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



4C1D45



58191F



003818



003A40

Sweetspot

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



4C1D45



635161



231D4C



332731



B3B3B3



333333

Same Dimension

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



4C1D45



631A58



4C1D2E



262226



660057



E600C3

Inverse Universe

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



4C1D45



631A58



1D4C3B



262226



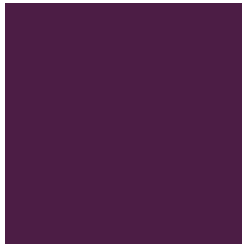
660057



E600C3

Previews

White Background



This preview shows how the Hex color 4C1D45 looks on a white background.

Color Contrast Check

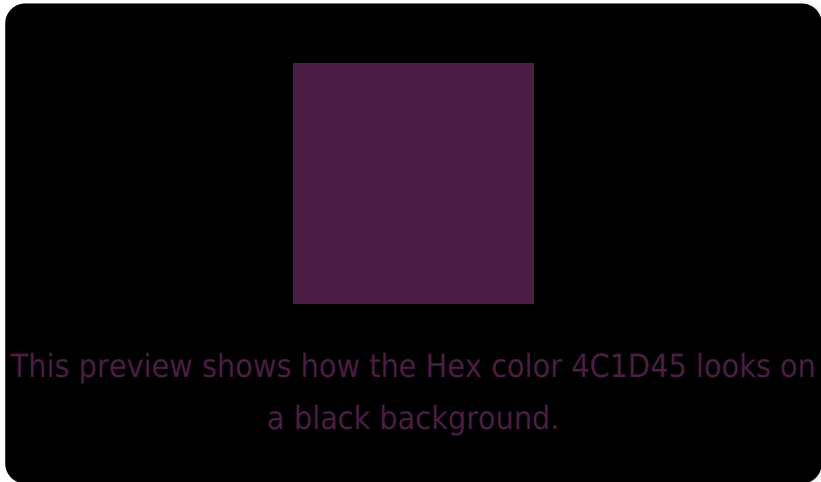
Large Text (above 18pt) WCAG AA ✓ Pass

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

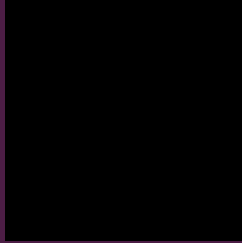
Any Text WCAG AA × Fail

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 4C1D45 Background



This preview shows how black text looks on a background with the Hex color 4C1D45.



This preview shows how white text looks on a background with the Hex color 4C1D45.

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
4C1D45

Protanopia
1F2F54

Deuteranopia
2A2F42



Tritanopia
492528

Trichromacy



Original Color
4C1D45

Protanomaly
2F284F

Deuteranomaly
362843

Tritanomaly
4A2233

Monochromacy



Original Color
4C1D45

Achromatopsia
303030

Achromatomaly
3A2938

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1D45 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 #4C1D45 looks like.

```
.text, #text, p{  
    color:#4C1D45  
}
```

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 #4C1D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1D45
}
```

Border

The CSS property to change the border of an element to Hex 4C1D45 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
#4C1D45 }
```

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

```
.border{ border-color:#4C1D45 }
```

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

Here you see how a box with a 4 pixel #4C1D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1D45; -webkit-box-shadow:4px 4px  
4px 4px #4C1D45; box-shadow:4px 4px 4px  
4px #4C1D45 }
```

Background

The CSS property to change the background color of an element to Hex 4C1D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1D45 }
```

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

```
.background{ background-color:#4C1D45 }
```

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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