

Converting Colors

Hex(4D2134)

Have a look what the booklet for
Hex(4D2134) contains.

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Color

Hex(4D2134)

Conversions

Conversions Part 1

Format	Color
Hex	4D2134
RGB	77, 33, 52
RGB Percent	30%, 13%, 20%
CMY	0.6980, 0.8706, 0.7961
CMYK	0.00, 0.57, 0.32, 0.70
HSL	334°, 40%, 22%
HSV	334°, 57%, 30%
XYZ	4.2243, 2.9134, 3.5885
YIQ	48.3220, 20.1250, 15.2370

Conversions

Conversions Part 2

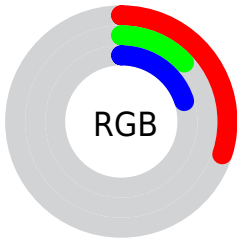
Format	Color
R_{YB}	77, 33, 52
Decimal	5054772
CIE _{Lab}	19.69, 23.26, -2.58
CIE _{LCh}	20, 23.399, 353.664
Yxy	2.9134, 0.3938, 0.2716
Android (android.graphics.Color)	4283244852 (0xFF4D2134)
YUV	48.3220, 1.8133, 25.1506
Hunter-Lab	17.0688, 14.3057, -0.5169




Details

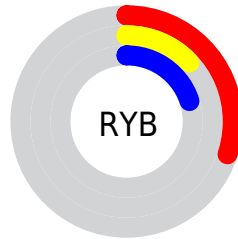
The Hex color **4D2134** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **214D3A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **804F62**, and **230006** is the 20% darker color. If you saturate the color by 10%, you get **4D1930**, and if you desaturate by 10%, it is **4D2938**.

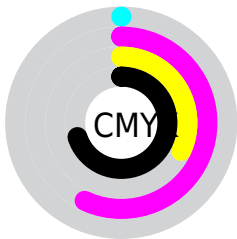
Distribution







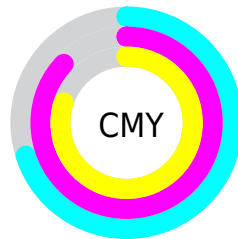
-  Red (30%)
-  Green (13%)
-  Blue (20%)






-  Red (30%)
-  Yellow (13%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (57%)
-  Yellow (32%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (87%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D2134 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 4D2134 by changing the saturation by 10% instead.



4D2134



4D2134

FFFFFF



350B1F



804F62



230006



9A687B



000000



B68195



D29BB0



EEB6CB



FFD2E7



FFEEFF



4D2134



4D2134

■ 4D1930

■ 4D2938

■ 4D122B

■ 4D303D

■ 4D0A27

■ 4D3841

■ 4D0222

■ 4D4046

■ 4D0021

■ 4D484A

■ 4D4F4E

■ 4D5753

■ 4D5F57

■ 4D665B

Harmonies

Analogous

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



412644



4D2134



4F2223

Triad

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



4D2134



2C330F



00364B

Complementary

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



4D2134



214D3A

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.



00383D



4D2134



17361B

Square

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



4D2134



3C2D0C



00382B



003351

Rectangle

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



4D2134



4C2519



00382B



003747

Sweetspot

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



4D2134



63535A



3A214D



33292D



B3B3B3



333333

Same Dimension

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



4D2134



631F3C



4D2421



262224



66002C



E60063

Inverse Universe

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



4D2134



631F3C



214A4D



262224



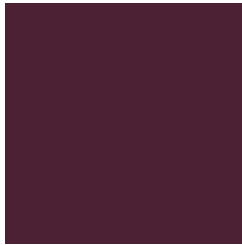
66002C



E60063

Previews

White Background



This preview shows how the Hex color 4D2134 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

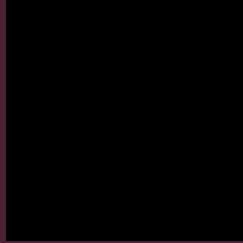
Any Text WCAG AA × Fail

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 4D2134 Background



This preview shows how black text looks on a background with the Hex color 4D2134.



This preview shows how white text looks on a background with the Hex color 4D2134.

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
4D2134

Protanopia
2D303E

Deuteranopia
352F32



Tritanopia
4C2426

Trichromacy



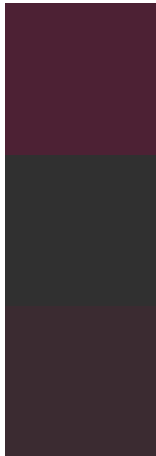
Original Color
4D2134

Protanomaly
392B3A

Deuteranomaly
3E2A33

Tritanomaly
4C232B

Monochromacy



Original Color
4D2134

Achromatopsia
303030

Achromatomaly
3B2B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D2134 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 #4D2134 looks like.

```
.text, #text, p{  
    color:#4D2134  
}
```

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 #4D2134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2134
}
```

Border

The CSS property to change the border of an element to Hex 4D2134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

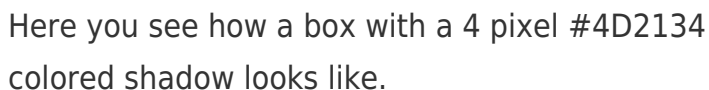
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D2134 }
```

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

```
.border{ border-color:#4D2134 }
```

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



Here you see how a box with a 4 pixel #4D2134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2134; -webkit-box-shadow:4px 4px  
4px 4px #4D2134; box-shadow:4px 4px 4px  
4px #4D2134 }
```

Background

The CSS property to change the background color of an element to Hex 4D2134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2134 }
```

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

```
.background{ background-color:#4D2134 }
```

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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