

# Converting Colors

Hex(4C1641)

Have a look what the booklet for  
Hex(4C1641) contains.

<b>Hex(4C1641)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4C1641)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C1641
RGB	76, 22, 65
RGB Percent	30%, 9%, 25%
CMY	0.7020, 0.9137, 0.7451
CMYK	0.00, 0.71, 0.14, 0.70
HSL	312°, 55%, 19%
HSV	312°, 71%, 30%
XYZ	4.2215, 2.4920, 5.2595
YIQ	43.0480, 18.3810, 24.8210

# Conversions

## Conversions Part 2

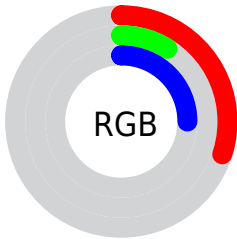
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 22, 65
Decimal	4986433
CIE <sub>Lab</sub>	17.88, 31.03, -14.42
CIE <sub>LCh</sub>	18, 34.214, 335.072
Yxy	2.4920, 0.3526, 0.2081
Android (android.graphics.Color)	4283176513 (0xFF4C1641)
YUV	43.0480, 10.8223, 28.8989
Hunter-Lab	15.7860, 20.1095, -8.7039

# Details

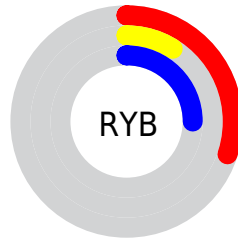
The Hex color **4C1641** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **164C21**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7F4671**, and **1F0016** is the 20% darker color. If you saturate the color by 10%, you get **4C0E3F**, and if you desaturate by 10%, it is **4C1E43**.

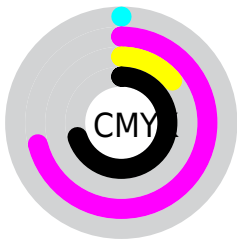
# Distribution



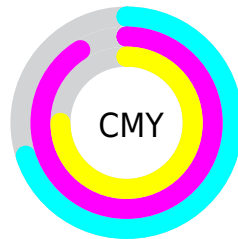
- Red (30%)
- Green (9%)
- Blue (25%)



- Red (30%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (71%)
- Yellow (14%)
- Black (70%)



- Cyan (70%)
- Magenta (91%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C1641 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 4C1641 by changing the saturation by 10% instead.





4C1641



4C1641

FFFFFF



34002B



7F4671



1F0016



995E8A



000000



B578A5



D192C0



EEADDC



FFC8F8



FFE5FF



4C1641



4C1641

■ 4C0E3F

■ 4C1E43

■ 4C073E

■ 4C2544

■ 4C003D

■ 4C2D46

■ 4C3447

■ 4C3C49

■ 4C444A

■ 4C4B4C

■ 4C534D

■ 4C5A4F

# Harmonies

## Analogous

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



302354



4C1641



560F29

# Triad

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



4C1641



342C00



003648

# Complementary

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



4C1641



164C21

# 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.



00372F



4C1641



1A3200

# Square

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



4C1641



472200



003516



003459

# Rectangle

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



4C1641



561319



003516



003740



# Sweetspot

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



4C1641



634F5F



21164C



332630



B3B3B3



333333



# Same Dimension

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



4C1641



630F52



4C1626



262225



660051



E600B7



# Inverse Universe

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



4C1641



630F52



164C3C



262225



660051

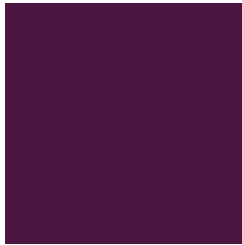


E600B7



# Previews

## White Background



This preview shows how the Hex color 4C1641 looks on a white background.

## Color Contrast Check

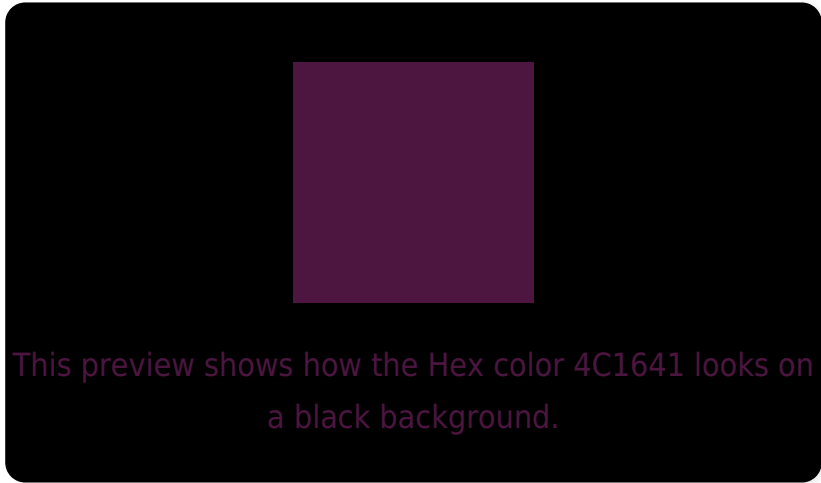
Large Text (above 18pt) WCAG AA ✓ Pass

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

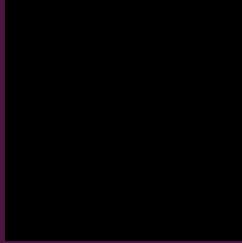
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C1641 Background



This preview shows how black text looks on a background with the Hex color 4C1641.



This preview shows how white text looks on a background with the Hex color 4C1641.

# 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**  
4C1641

**Protanopia**  
192C54

**Deuteranopia**  
282D3E



# Trichromacy



**Original Color**  
4C1641

**Protanomaly**  
2C244D

**Deuteranomaly**  
35253F

**Tritanomaly**  
4A1C2D

# Monochromacy



**Original Color**  
4C1641

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
372333

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C1641 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 #4C1641 looks like.

```
.text, #text, p{  
    color:#4C1641  
}
```

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 #4C1641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1641
}
```

## Border

The CSS property to change the border of an element to Hex 4C1641 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
#4C1641 }
```

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

```
.border{ border-color:#4C1641 }
```

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

Here you see how a box with a 4 pixel #4C1641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1641; -webkit-box-shadow:4px 4px  
4px 4px #4C1641; box-shadow:4px 4px 4px  
4px #4C1641 }
```

# Background

The CSS property to change the background color of an element to Hex 4C1641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1641 }
```

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

```
.background{ background-color:#4C1641 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor