

# Converting Colors

Hex(4C1136)

Have a look what the booklet for  
Hex(4C1136) contains.

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**Color**

**Hex(4C1136)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C1136
RGB	76, 17, 54
RGB Percent	30%, 7%, 21%
CMY	0.7020, 0.9333, 0.7882
CMYK	0.00, 0.78, 0.29, 0.70
HSL	322°, 63%, 18%
HSV	322°, 78%, 30%
XYZ	3.8468, 2.2037, 3.7126
YIQ	38.8590, 23.2870, 24.0150

# Conversions

## Conversions Part 2

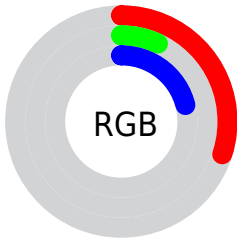
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 17, 54
Decimal	4985142
CIE <sub>Lab</sub>	16.52, 31.49, -8.78
CIE <sub>LCh</sub>	17, 32.689, 344.416
Yxy	2.2037, 0.3940, 0.2257
Android (android.graphics.Color)	4283175222 (0xFF4C1136)
YUV	38.8590, 7.4645, 32.5727
Hunter-Lab	14.8450, 20.2761, -4.4366




# Details

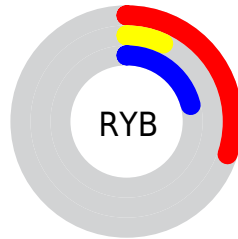
The Hex color **4C1136** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **114C27**, and the grayscale version is **272727**.


A 20% lighter version of the original color is **7F4165**, and **1D0008** is the 20% darker color. If you saturate the color by 10%, you get **4C0933**, and if you desaturate by 10%, it is **4C1939**.

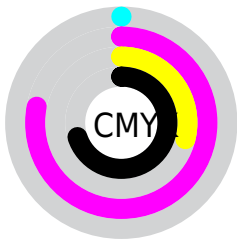
# Distribution







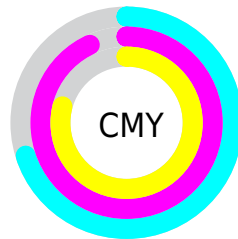
-  Red (30%)
-  Green (7%)
-  Blue (21%)






-  Red (30%)
-  Yellow (7%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (78%)
-  Yellow (29%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (93%)
-  Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C1136 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 4C1136 by changing the saturation by 10% instead.



 4C1136

 4C1136

 FFFDFD

 340021

 7F4165

 1D0008

 9A5A7E

 000000

 B67398

 D28DB2

 EFA8CE

 FFC4EA

 FFE0FF

 4C1136

 4C1136

■ 4C0933

■ 4C1939

■ 4C0230

■ 4C203C

■ 4C0030

■ 4C283F

■ 4C2F41

■ 4C3744

■ 4C3F47

■ 4C464A

■ 4C4E4D

■ 4C5550

# Harmonies

## Analogous

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



381D4A



4C1136



520E1F

# Triad

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



4C1136



2A2B00



003249

# Complementary

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



4C1136



114C27

# 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.



003334



4C1136



0D3000

# Square

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



4C1136



3E2300



00321B



002F56

# Rectangle

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



4C1136



4F140F



00321B



003343



# Sweetspot

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



4C1136



634D5B



27114C



33252E



B3B3B3



333333



# Same Dimension

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



4C1136



630741



4C1119



262225



660040



E60090



# Inverse Universe

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



4C1136



630741



114C44



262225



660040

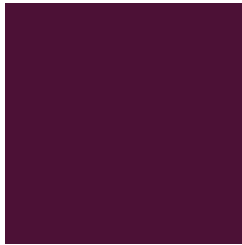


E60090



# Previews

## White Background



This preview shows how the Hex color 4C1136 looks on a white background.

## Color Contrast Check

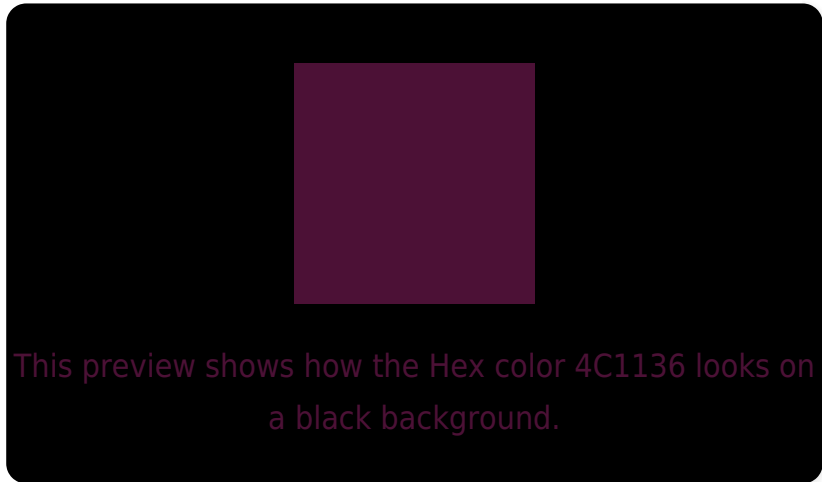
Large Text (above 18pt) WCAG AA ✓ Pass

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

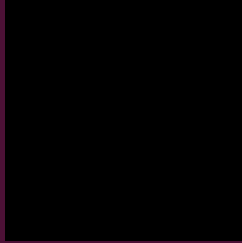
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C1136 Background



This preview shows how black text looks on a background with the Hex color 4C1136.



This preview shows how white text looks on a background with the Hex color 4C1136.

# 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**  
4C1136

**Protanopia**  
1E2A48

**Deuteranopia**  
2B2A33



**Tritanopia**  
4A1A1B

# Trichromacy



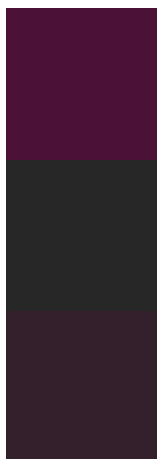
**Original Color**  
4C1136

**Protanomaly**  
2F2141

**Deuteranomaly**  
372134

**Tritanomaly**  
4B1725

# Monochromacy



**Original Color**  
4C1136

**Achromatopsia**  
272727

**Achromatomaly**  
341F2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C1136 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 #4C1136 looks like.

```
.text, #text, p{  
    color:#4C1136  
}
```

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 #4C1136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1136
}
```

## Border

The CSS property to change the border of an element to Hex 4C1136 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
#4C1136 }
```

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

```
.border{ border-color:#4C1136 }
```

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

Here you see how a box with a 4 pixel #4C1136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1136; -webkit-box-shadow:4px 4px  
4px 4px #4C1136; box-shadow:4px 4px 4px  
4px #4C1136 }
```

# Background

The CSS property to change the background color of an element to Hex 4C1136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1136 }
```

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

```
.background{ background-color:#4C1136 }
```

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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