

Converting Colors

Hex(4C1325)

Have a look what the booklet for
Hex(4C1325) contains.

Hex(4C1325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C1325)

Conversions

Conversions Part 1

Format	Color
Hex	4C1325
RGB	76, 19, 37
RGB Percent	30%, 7%, 15%
CMY	0.7020, 0.9255, 0.8549
CMYK	0.00, 0.75, 0.51, 0.70
HSL	341°, 60%, 19%
HSV	341°, 75%, 30%
XYZ	3.5473, 2.1358, 1.9756
YIQ	38.0950, 28.1940, 17.6820

Conversions

Conversions Part 2

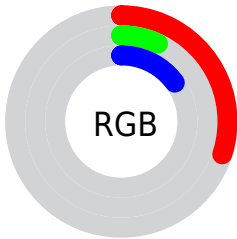
Format	Color
R_{YB}	76, 19, 37
Decimal	4985637
CIE _{Lab}	16.18, 28.37, 2.94
CIE _{LCh}	16, 28.518, 5.910
Yxy	2.1358, 0.4632, 0.2789
Android (android.graphics.Color)	4283175717 (0xFF4C1325)
YUV	38.0950, -0.5398, 33.2427
Hunter-Lab	14.6144, 17.7512, 2.2154

Details

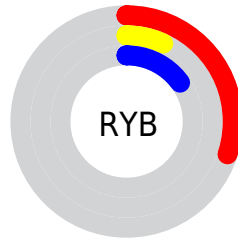
The Hex color **4C1325** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **134C3A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **804251**, and **190001** is the 20% darker color. If you saturate the color by 10%, you get **4C0B20**, and if you desaturate by 10%, it is **4C1B2A**.

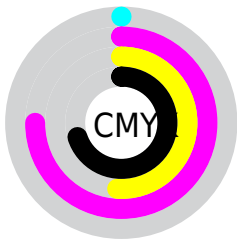
Distribution



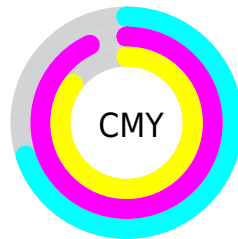
- Red (30%)
- Green (7%)
- Blue (15%)



- Red (30%)
- Yellow (7%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (51%)
- Black (70%)



- Cyan (70%)
- Magenta (93%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1325 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 4C1325 by changing the saturation by 10% instead.

 4C1325

 4C1325

 FFFDFF

 340010

 804251

 190001

 9B5B6A

 000000

 B77483

 D38E9D

 F0A9B8

 FFC4D3

 FFE0EF

 4C1325

 4C1325

■ 4C0B20

■ 4C1B2A

■ 4C041B

■ 4C222F

■ 4C0018

■ 4C2A35

■ 4C313A

■ 4C393F

■ 4C4144

■ 4C4849

■ 4C504F

■ 4C5754

Harmonies

Analogous

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



431739



4C1325



4A1811

Triad

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



4C1325



1A2E00



002F4D

Complementary

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



4C1325



134C3A

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.



00313F



4C1325



003017

Square

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



4C1325



2F2800



00312C



002951

Rectangle

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



4C1325



431E01



00312C



00304A

Sweetspot

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



4C1325



634D54



3A134C



332529



B3B3B3



333333

Same Dimension

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



4C1325



630A26



4C1D13



262224



660020



E60048

Inverse Universe

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



4C1325



630A26



13424C



262224



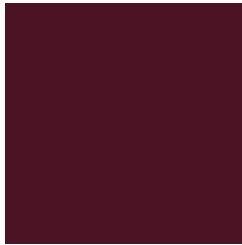
660020



E60048

Previews

White Background



This preview shows how the Hex color 4C1325 looks on a white background.

Color Contrast Check

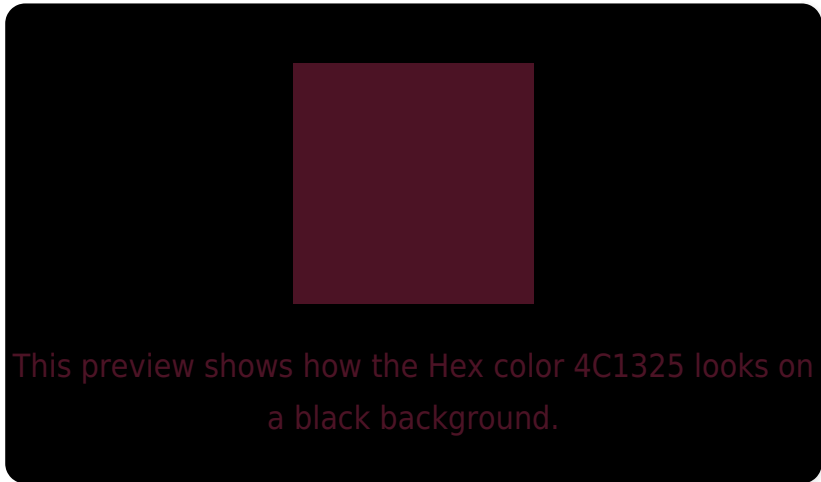
Large Text (above 18pt) WCAG AA ✓ Pass

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

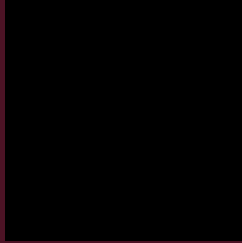
Any Text WCAG AA × Fail

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 4C1325 Background



This preview shows how black text looks on a background with the Hex color 4C1325.



This preview shows how white text looks on a background with the Hex color 4C1325.

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
4C1325

Protanopia
282A31

Deuteranopia
312822



Tritanopia
4B1617

Trichromacy



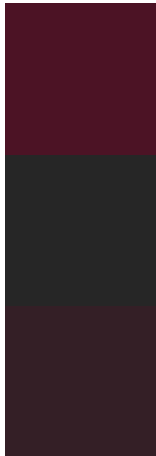
Original Color
4C1325

Protanomaly
35222D

Deuteranomaly
3B2023

Tritanomaly
4B151C

Monochromacy



Original Color
4C1325

Achromatopsia
262626

Achromatomaly
341F26

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1325 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 #4C1325 looks like.

```
.text, #text, p{  
    color:#4C1325  
}
```

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 #4C1325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1325  
}
```

Border

The CSS property to change the border of an element to Hex 4C1325 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".

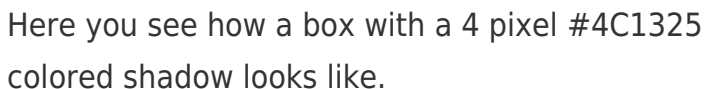
```
.border, #border, table{ border:4px solid  
#4C1325 }
```

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

```
.border{ border-color:#4C1325 }
```

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

Here you see how a box with a 4 pixel #4C1325 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1325; -webkit-box-shadow:4px 4px  
4px 4px #4C1325; box-shadow:4px 4px 4px  
4px #4C1325 }
```

Background

The CSS property to change the background color of an element to Hex 4C1325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1325 }
```

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

```
.background{ background-color:#4C1325 }
```

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