

# Converting Colors

Hex(4C290A)

Have a look what the booklet for  
Hex(4C290A) contains.

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**Color**

**Hex(4C290A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C290A
RGB	76, 41, 10
RGB Percent	30%, 16%, 4%
CMY	0.7020, 0.8392, 0.9608
CMYK	0.00, 0.46, 0.87, 0.70
HSL	28°, 77%, 17%
HSV	28°, 87%, 30%
XYZ	3.8282, 3.1443, 0.6923
YIQ	47.9310, 30.8110, -2.2210

# Conversions

## Conversions Part 2

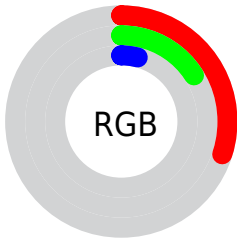
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 68, 10
Decimal	4991242
CIE <sub>Lab</sub>	20.61, 13.58, 25.64
CIE <sub>LCh</sub>	21, 29.011, 62.093
Yxy	3.1443, 0.4995, 0.4102
Android (android.graphics.Color)	4283181322 (0xFF4C290A)
YUV	47.9310, -18.7000, 24.6165
Hunter-Lab	17.7321, 7.5053, 10.0977

# Details

The Hex color **4C290A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A2D4C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **805736**, and **1C0000** is the 20% darker color. If you saturate the color by 10%, you get **4C2502**, and if you desaturate by 10%, it is **4C2D12**.

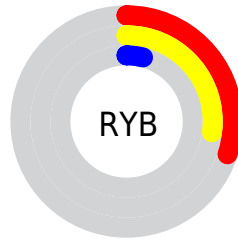
# Distribution



Red (30%)

Green (16%)

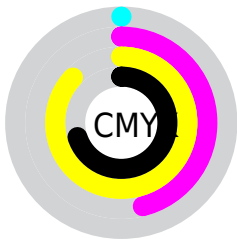
Blue (4%)



Red (30%)

Yellow (27%)

Blue (4%)

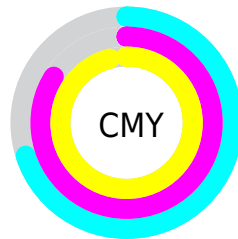


Cyan (0%)

Magenta (46%)

Yellow (87%)

Black (70%)



Cyan (70%)

Magenta (84%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C290A 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 4C290A by changing the saturation by 10% instead.



 4C290A

 4C290A

 FFFFEC

 331400

 805736

 1C0000

 9C6F4D

 000000

 B88866

 D4A37F

 F1BE99

 FFDAB4

 FFF6D0

 4C290A

 4C290A

■ 4C2502

■ 4C2D12

■ 4C2400

■ 4C3119

■ 4C3521

■ 4C3928

■ 4C3D30

■ 4C4138

■ 4C453F

■ 4C4947

■ 4C4D4E

# Harmonies

## Analogous

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



56211C



4C290A



3B3100

# Triad

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



4C290A



003C33



342B56

# Complementary

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



4C290A



0A2D4C

# 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.



00345C



4C290A



003B48

# Square

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



4C290A



013A1D



003957



4C2246

# Rectangle

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



4C290A



2D3504



003957



272E59



# Sweetspot

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



4C290A



63564A



4C0A2D



332B23



B3B3B3



333333



# Same Dimension

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



4C290A



632F00



4C4A0A



262422



663000



E66C00



# Inverse Universe

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



0A2D4C



003563



0A0C4C



222426



003666

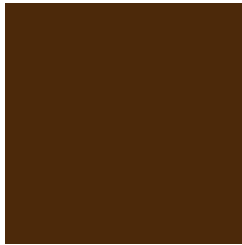


007AE6



# Previews

## White Background



This preview shows how the Hex color 4C290A looks on a white background.

## Color Contrast Check

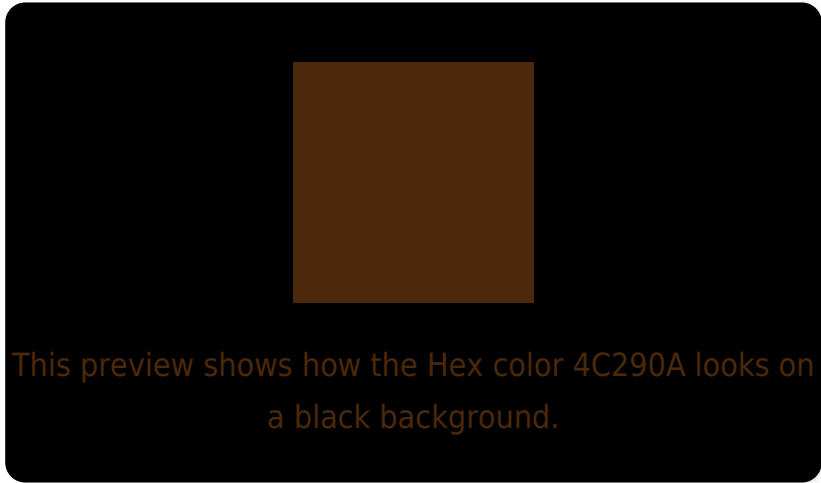
Large Text (above 18pt) WCAG AA ✓ Pass

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

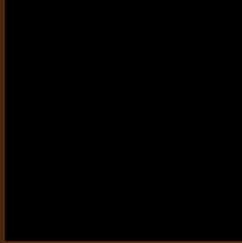
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C290A Background



This preview shows how black text looks on a background with the Hex color 4C290A.



This preview shows how white text looks on a background with the Hex color 4C290A.

# 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**  
4C290A

**Protanopia**  
39320C

**Deuteranopia**  
403005



**Tritanopia**  
4D2629

# Trichromacy



**Original Color**  
4C290A

**Protanomaly**  
402F0B

**Deuteranomaly**  
442D07

**Tritanomaly**  
4D271E

# Monochromacy



**Original Color**  
4C290A

**Achromatopsia**  
303030

**Achromatomaly**  
3A2D22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C290A 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 #4C290A looks like.

```
.text, #text, p{  
    color:#4C290A  
}
```

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 #4C290A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C290A
}
```

## Border

The CSS property to change the border of an element to Hex 4C290A 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
#4C290A }
```

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

```
.border{ border-color:#4C290A }
```

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

Here you see how a box with a 4 pixel #4C290A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C290A; -webkit-box-shadow:4px 4px  
4px 4px #4C290A; box-shadow:4px 4px 4px  
4px #4C290A }
```

# Background

The CSS property to change the background color of an element to Hex 4C290A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C290A }
```

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

```
.background{ background-color:#4C290A }
```

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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