

Converting Colors

Hex(C29111)

Have a look what the booklet for
Hex(C29111) contains.

Hex(C29111)	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(C29111)

Conversions

Conversions Part 1

Format	Color
Hex	C29111
RGB	194, 145, 17
RGB Percent	76%, 57%, 7%
CMY	0.2392, 0.4314, 0.9333
CMYK	0.00, 0.25, 0.91, 0.24
HSL	43°, 84%, 41%
HSV	43°, 91%, 76%
XYZ	32.4747, 31.7606, 4.9491
YIQ	145.0590, 70.2920, -29.4200

Conversions

Conversions Part 2

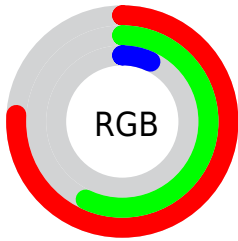
Format	Color
RYB	85, 194, 17
Decimal	12751121
CIELab	63.14, 8.41, 65.08
CIELCh	63, 65.621, 82.639
Yxy	31.7606, 0.4694, 0.4591
Android (android.graphics.Color)	4290941201 (0xFFC29111)
YUV	145.0590, -63.1331, 42.9213
Hunter-Lab	56.3565, 4.2343, 34.2429

Details

The Hex color **C29111** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1142C2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFC74F**, and **875F00** is the 20% darker color. If you saturate the color by 10%, you get **C28C00**, and if you desaturate by 10%, it is **C29624**.

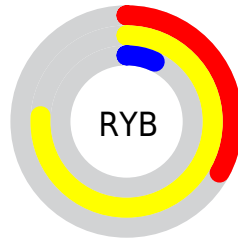
Distribution



Red (76%)

Green (57%)

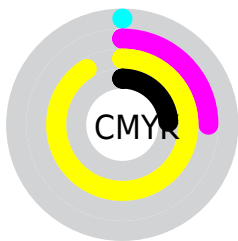
Blue (7%)



Red (33%)

Yellow (76%)

Blue (7%)

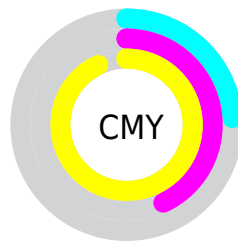


Cyan (0%)

Magenta (25%)

Yellow (91%)

Black (24%)



Cyan (24%)

Magenta (43%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C29111 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 C29111 by changing the saturation by 10% instead.

 C29111

 C29111

FFFFFF

 A47800

 FFC74F

 875F00

 FFE26A

 6B4800

 FFFF86

 4F3100

 FFFFA1

 341D00

 FFFFBD

 1D0400

 FFFFDA

 000000

 FFFFF7

 C29111

 C29111

■ C28C00

■ C29624

■ C29C38

■ C2A14B

■ C2A65F

■ C2AC72

■ C2B185

■ C2B799

■ C2BCAC

■ C2C1C0

Harmonies

Analogous

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



EB793C



C29111



8BA31C

Triad

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



C29111



00B4C4



D175E0

Complementary

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



C29111



1142C2

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.



7D8FFF



C29111



00B0F5

Square

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



C29111



00B388



00A4FF



FA61AA

Rectangle

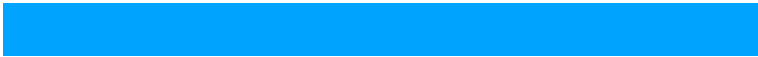
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C29111



5DAB3C



00A4FF



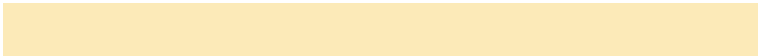
BB7EEF

Sweetspot

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



C29111



FCEAB8



C21143



807457



000000



808080

Same Dimension

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



C29111



FCB700



9CC211



615E57



A17400



211800

Inverse Universe

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



1142C2



0046FC



3711C2



575A61



002CA1



000921

Previews

White Background



This preview shows how the Hex color C29111 looks on a white background.

Color Contrast Check

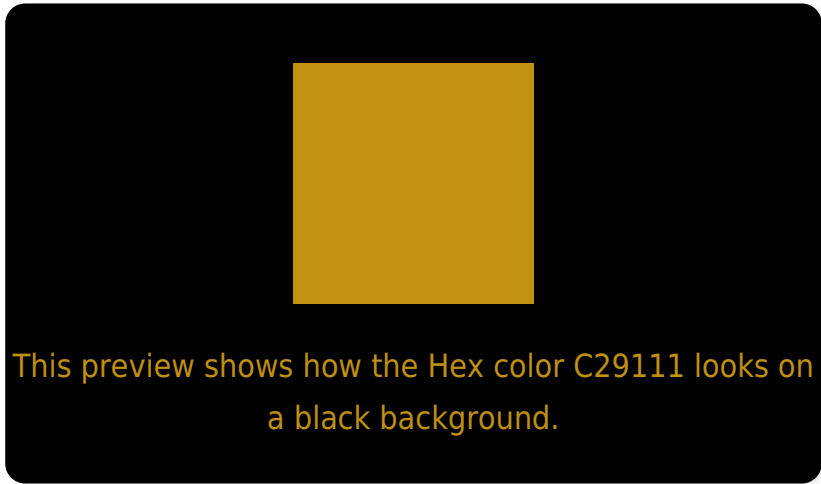
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex C29111 Background



This preview shows how black text looks on a background with the Hex color C29111.



This preview shows how white text looks on a background with the Hex color C29111.

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
C29111

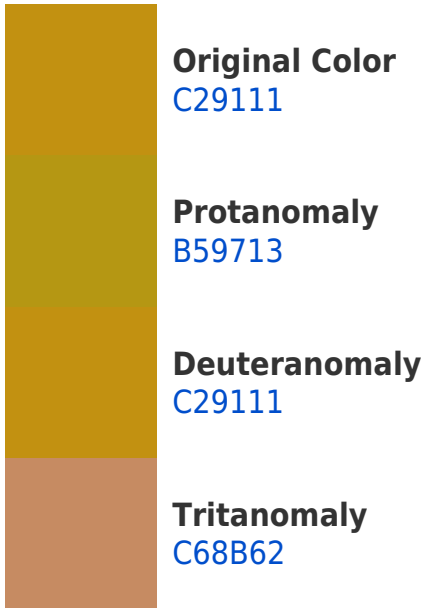
Protanopia
AD9A14

Deuteranopia
C29111



Tritanopia
C98791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C29111 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 #C29111 looks like.

```
.text, #text, p{  
    color:#C29111  
}
```

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 #C29111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C29111
}
```

Border

The CSS property to change the border of an element to Hex C29111 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
#C29111 }
```

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

```
.border{ border-color:#C29111 }
```

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

Here you see how a box with a 4 pixel #C29111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C29111; -webkit-box-shadow:4px 4px  
4px 4px #C29111; box-shadow:4px 4px 4px  
4px #C29111 }
```

Background

The CSS property to change the background color of an element to Hex C29111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C29111 }
```

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

```
.background{ background-color:#C29111 }
```

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