

Converting Colors

Hex(229702)

Have a look what the booklet for
Hex(229702) contains.

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Color

Hex(229702)

Conversions

Conversions Part 1

Format	Color
Hex	229702
RGB	34, 151, 2
RGB Percent	13%, 59%, 1%
CMY	0.8667, 0.4078, 0.9922
CMYK	0.77, 0.00, 0.99, 0.41
HSL	107°, 97%, 30%
HSV	107°, 99%, 59%
XYZ	11.7373, 22.4777, 3.7774
YIQ	99.0310, -21.9030, -71.1430

Conversions

Conversions Part 2

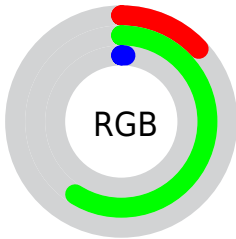
Format	Color
R_{YB}	2, 151, 119
Decimal	2266882
CIE _{Lab}	54.53, -55.02, 56.37
CIE _{LCh}	55, 78.774, 134.304
Yxy	22.4777, 0.3089, 0.5916
Android (android.graphics.Color)	4280456962 (0xFF229702)
YUV	99.0310, -47.8363, -57.0322
Hunter-Lab	47.4106, -38.7781, 28.4635

Details

The Hex color **229702** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **770297**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **65CE46**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **209700**, and if you desaturate by 10%, it is **2E9711**.

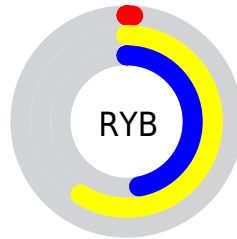
Distribution



Red (13%)

Green (59%)

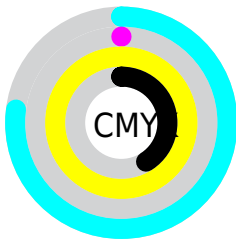
Blue (1%)



Red (1%)

Yellow (59%)

Blue (47%)

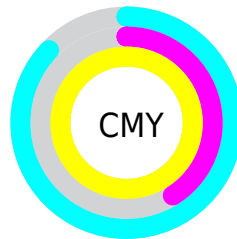


Cyan (77%)

Magenta (0%)

Yellow (99%)

Black (41%)



Cyan (87%)

Magenta (41%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 229702 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 229702 by changing the saturation by 10% instead.

 229702

 229702

FFFFFF

 007C00

 65CE46

 006200

 82EB61

 004900

 A0FF7C

 003200

 BDFF98

 001800

 DBFFB4

 000000

 F9FFD0

 FFFFED

 229702

 229702

■ 209700

■ 2E9711

■ 3A9720

■ 46972F

■ 51973E

■ 5D974D

■ 69975D

■ 75976C

■ 81977B

■ 8D978A

Harmonies

Analogous

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



808A00



229702



009E5B

Triad

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



229702



0095FF



F82965

Complementary

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



229702



770297

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.



E834A9



229702



0080FF

Square

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



229702



009EE1



AC5EE5



E64F23

Rectangle

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



229702



009F8B



AC5EE5



F7247C

Sweetspot

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



229702



96C489



977702



476340



E3E3E3



636363

Same Dimension

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



229702



2AC400



02972C



464D45



1E8C00



030D00

Inverse Universe

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



770297



9A00C4



97026D



4B454D



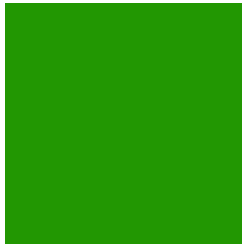
6E008C



0A000D

Previews

White Background



This preview shows how the Hex color 229702 looks on a white background.

Color Contrast Check

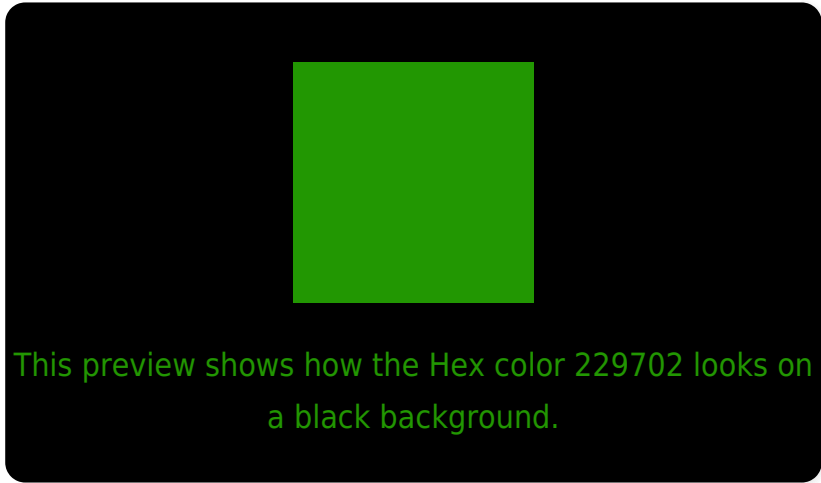
Large Text (above 18pt) WCAG AA ✓ Pass

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

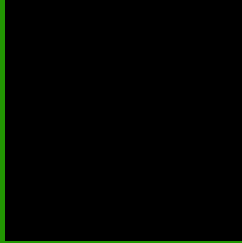
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 229702 Background



This preview shows how black text looks on a background with the Hex color 229702.



This preview shows how white text looks on a background with the Hex color 229702.

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
229702

Protanopia
928200

Deuteranopia
A37B20



Tritanopia
468C98

Trichromacy



Original Color
229702



Protanomaly
698A01



Deuteranomaly
748515



Tritanomaly
399061

Monochromacy



Original Color
229702



Achromatopsia
636363



Achromatomaly
4B7640

CSS Examples

Text

The CSS property to change the color of the text to Hex 229702 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 #229702 looks like.

```
.text, #text, p{  
    color:#229702  
}
```

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 #229702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #229702
}
```

Border

The CSS property to change the border of an element to Hex 229702 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
#229702 }
```

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

```
.border{ border-color:#229702 }
```

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

Here you see how a box with a 4 pixel #229702 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #229702; -webkit-box-shadow:4px 4px  
4px 4px #229702; box-shadow:4px 4px 4px  
4px #229702 }
```

Background

The CSS property to change the background color of an element to Hex 229702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#229702 }
```

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

```
.background{ background-color:#229702 }
```

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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