

Converting Colors

Hex(228B00)

Have a look what the booklet for
Hex(228B00) contains.

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Color

Hex(228B00)

Conversions

Conversions Part 1

Format	Color
Hex	228B00
RGB	34, 139, 0
RGB Percent	13%, 55%, 0%
CMY	0.8667, 0.4549, 1.0000
CMYK	0.76, 0.00, 1.00, 0.45
HSL	105°, 100%, 27%
HSV	105°, 100%, 55%
XYZ	9.8923, 18.8053, 3.1084
YIQ	91.7590, -17.9610, -65.4890

Conversions

Conversions Part 2

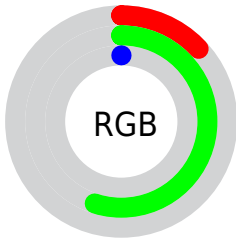
Format	Color
RYB	0, 139, 105
Decimal	2263808
CIELab	50.46, -51.27, 53.46
CIELCh	50, 74.069, 133.802
Yxy	18.8053, 0.3110, 0.5912
Android (android.graphics.Color)	4280453888 (0xFF228B00)
YUV	91.7590, -45.2372, -50.6546
Hunter-Lab	43.3651, -35.1701, 26.1057

Details

The Hex color **228B00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **69008B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **62C243**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **228B00**, and if you desaturate by 10%, it is **2C8B0E**.

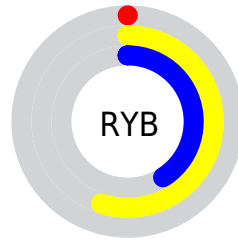
Distribution



Red (13%)

Green (55%)

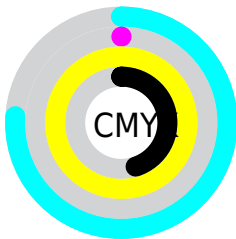
Blue (0%)



Red (0%)

Yellow (55%)

Blue (41%)

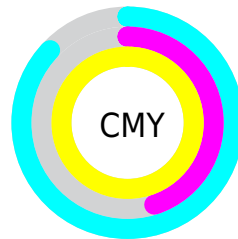


Cyan (76%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (87%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 228B00 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 228B00 by changing the saturation by 10% instead.

 228B00

 228B00

FFFFFF

 007100

 62C243

 005700

 7FDE5D

 003F00

 9CFB78

 002900

 B9FF93

 000300

 D6FFAF

 000000

 F4FFCB

 FFFFE8

 228B00

 2C8B0E

 378B1C

 428B2A

 4C8B38

 568B46

 618B53

 6B8B61

 768B6F

 818B7D

Harmonies

Analogous

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



777E00



228B00



009152

Triad

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



228B00



0089F2



E5255E

Complementary

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



228B00



69008B

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.



D6309D



228B00



0076F4

Square

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



228B00



0092CF



9D57D4



D44820

Rectangle

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



228B00



00937F



9D57D4



E42173

Sweetspot

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



228B00



8CB57F



8B6800



435C3B



DBDBDB



5C5C5C

Same Dimension

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



228B00



2CB500



008B23



40453E



208500



010500

Inverse Universe

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



69008B



8900B5



8B0068



433E45



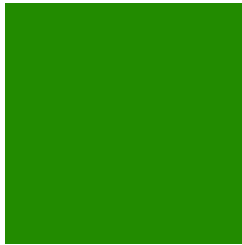
640085



040005

Previews

White Background



This preview shows how the Hex color 228B00 looks on a white background.

Color Contrast Check

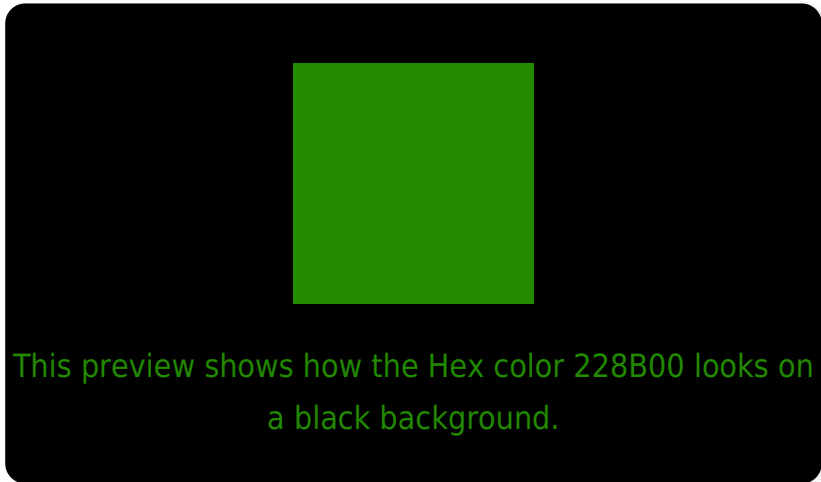
Large Text (above 18pt) WCAG AA ✓ Pass

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

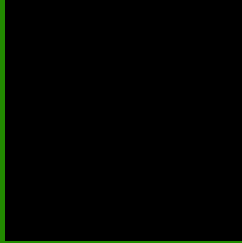
Any Text WCAG AA ✓ Pass

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 228B00 Background



This preview shows how black text looks on a background with the Hex color 228B00.



This preview shows how white text looks on a background with the Hex color 228B00.

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
228B00

Protanopia
877800

Deuteranopia
96711E



Tritanopia
42818C

Trichromacy



Original Color
228B00



Protanomaly
627F00



Deuteranomaly
6C7A13



Tritanomaly
368559

Monochromacy



Original Color
228B00



Achromatopsia
5C5C5C



Achromatomaly
476D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 228B00 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 #228B00 looks like.

```
.text, #text, p{  
    color:#228B00  
}
```

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 #228B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #228B00
}
```

Border

The CSS property to change the border of an element to Hex 228B00 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
#228B00 }
```

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

```
.border{ border-color:#228B00 }
```

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

Here you see how a box with a 4 pixel #228B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #228B00; -webkit-box-shadow:4px 4px  
4px 4px #228B00; box-shadow:4px 4px 4px  
4px #228B00 }
```

Background

The CSS property to change the background color of an element to Hex 228B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#228B00 }
```

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

```
.background{ background-color:#228B00 }
```

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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