

Converting Colors

Hex(228451)

Have a look what the booklet for
Hex(228451) contains.

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Color

Hex(228451)

Conversions

Conversions Part 1

Format	Color
Hex	228451
RGB	34, 132, 81
RGB Percent	13%, 52%, 32%
CMY	0.8667, 0.4824, 0.6824
CMYK	0.74, 0.00, 0.39, 0.48
HSL	149°, 59%, 33%
HSV	149°, 74%, 52%
XYZ	10.3962, 17.4367, 10.6023
YIQ	96.8840, -42.0370, -36.6370

Conversions

Conversions Part 2

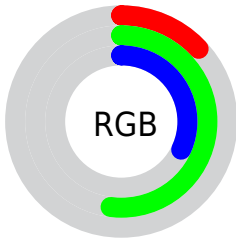
Format	Color
RYB	34, 100, 132
Decimal	2262097
CIELab	48.81, -40.22, 19.72
CIELCh	49, 44.791, 153.876
Yxy	17.4367, 0.2705, 0.4537
Android (android.graphics.Color)	4280452177 (0xFF228451)
YUV	96.8840, -7.8308, -55.1493
Hunter-Lab	41.7573, -28.6347, 14.1762

Details

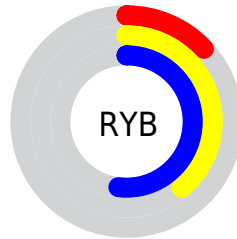
The Hex color **228451** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **842255**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5DBA83**, and **005123** is the 20% darker color. If you saturate the color by 10%, you get **15844A**, and if you desaturate by 10%, it is **2F8458**.

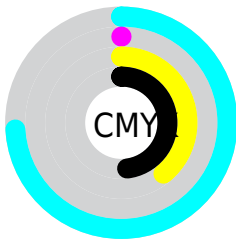
Distribution



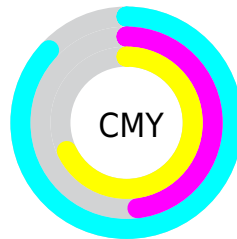
- Red (13%)
- Green (52%)
- Blue (32%)



- Red (13%)
- Yellow (39%)
- Blue (52%)



- Cyan (74%)
- Magenta (0%)
- Yellow (39%)
- Black (48%)



- Cyan (87%)
- Magenta (48%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 228451 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 228451 by changing the saturation by 10% instead.

 228451

 228451

FFFFFF

 006A3A

 5DBA83

 005123

 79D69D

 00390E

 95F3B8

 002500

 B1FFD4

 000000

 CEFFF0

 EBFFFF

 228451

 228451

 15844A

 2F8458

■ 088443

■ 3C845F

■ 00843F

■ 4A8466

■ 57846C

■ 648473

■ 71847A

■ 7E8481

■ 8C8488

■ 99848F

Harmonies

Analogous

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



5D7E31



228451



008778

Triad

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



228451



2E77C0



B6584C

Complementary

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



228451



842255

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.



B95271



228451



7C68B3

Square

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



228451



0081B8



A65996



A3662F

Rectangle

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



228451



008691



A65996



B95457

Sweetspot

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



228451



85AB97



568422



40574B



D6D6D6



575757

Same Dimension

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



228451



13AB5C



228481



3C423F



00823E



000301

Inverse Universe

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



842255



AB1362



842225



423C3F



820044



030001

Previews

White Background



This preview shows how the Hex color 228451 looks on a white background.

Color Contrast Check

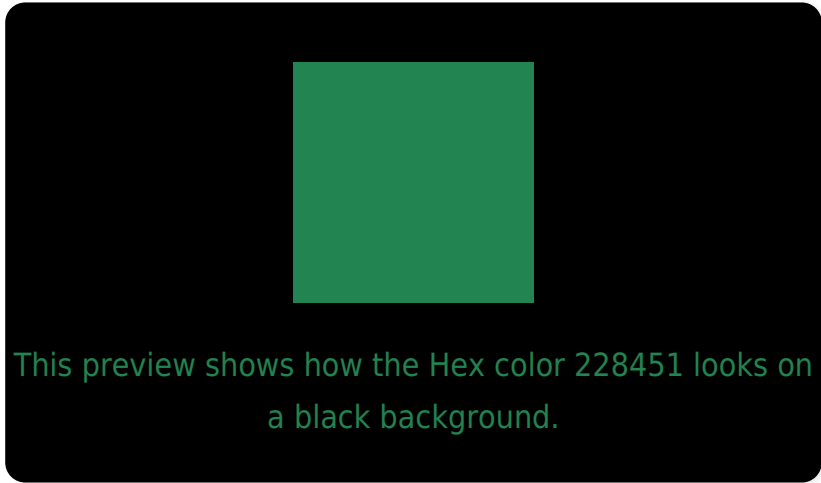
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 228451 Background



This preview shows how black text looks on a background with the Hex color 228451.



This preview shows how white text looks on a background with the Hex color 228451.

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
228451

Protanopia
7D734A

Deuteranopia
886E56



Tritanopia
397D88

Trichromacy



Original Color
228451

Protanomaly
5C794D

Deuteranomaly
637654

Tritanomaly
318074

Monochromacy



Original Color
228451

Achromatopsia
616161

Achromatomaly
4A6E5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 228451 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 #228451 looks like.

```
.text, #text, p{  
    color:#228451  
}
```

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 #228451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #228451
}
```

Border

The CSS property to change the border of an element to Hex 228451 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
#228451 }
```

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

```
.border{ border-color:#228451 }
```

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

Here you see how a box with a 4 pixel #228451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #228451; -webkit-box-shadow:4px 4px  
4px 4px #228451; box-shadow:4px 4px 4px  
4px #228451 }
```

Background

The CSS property to change the background color of an element to Hex 228451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#228451 }
```

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

```
.background{ background-color:#228451 }
```

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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