

Converting Colors

Hex(228B6A)

Have a look what the booklet for
Hex(228B6A) contains.

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Color

Hex(228B6A)

Conversions

Conversions Part 1

Format	Color
Hex	228B6A
RGB	34, 139, 106
RGB Percent	13%, 55%, 42%
CMY	0.8667, 0.4549, 0.5843
CMYK	0.76, 0.00, 0.24, 0.45
HSL	161°, 61%, 34%
HSV	161°, 76%, 55%
XYZ	12.4938, 19.8459, 16.8078
YIQ	103.8430, -51.9870, -32.5230

Conversions

Conversions Part 2

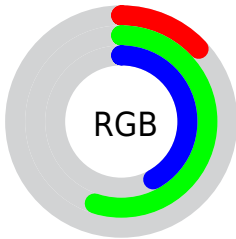
Format	Color
RYB	34, 96, 139
Decimal	2263914
CIELab	51.66, -37.42, 9.37
CIELCh	52, 38.577, 165.939
Yxy	19.8459, 0.2542, 0.4038
Android (android.graphics.Color)	4280453994 (0xFF228B6A)
YUV	103.8430, 1.0634, -61.2523
Hunter-Lab	44.5488, -27.8995, 8.8146

Details

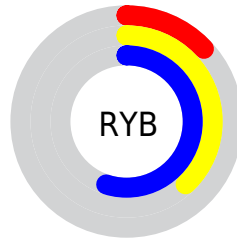
The Hex color **228B6A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B2243**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5FC19D**, and **00583B** is the 20% darker color. If you saturate the color by 10%, you get **148B66**, and if you desaturate by 10%, it is **308B6E**.

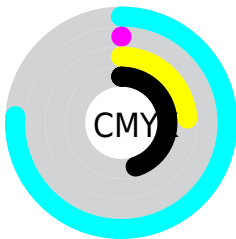
Distribution



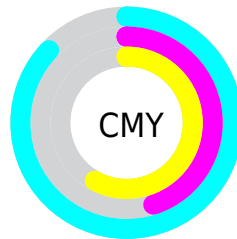
- Red (13%)
- Green (55%)
- Blue (42%)



- Red (13%)
- Yellow (38%)
- Blue (55%)



- Cyan (76%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (87%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 228B6A 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 228B6A by changing the saturation by 10% instead.

 228B6A

 228B6A

FFFFFF

 007152

 5FC19D

 00583B

 7CDD8

 004025

 98FAD4

 002A10

 B4FFF0

 000B00

 D1FFFF

 000000

 EFFFFFF

 228B6A

 228B6A

 148B66

 308B6E

■ 068B61

■ 3E8B73

■ 008B5F

■ 4C8B77

■ 5A8B7B

■ 688B80

■ 758B84

■ 838B89

■ 918B8D

■ 9F8B91

Harmonies

Analogous

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



59874C



228B6A



008C8C

Triad

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



228B6A



6478BB



B2684D

Complementary

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



228B6A



8B2243

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.



BA606B



228B6A



946CA9

Square

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



228B6A



0383BB



B1628C



9C743A

Rectangle

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



228B6A



008BA1



B1628C



B66556

Sweetspot

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



228B6A



8BB5A8



438B22



425C54



DBDBDB



5C5C5C

Same Dimension

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



228B6A



10B581



22788B



3E4543



00855B



000503

Inverse Universe

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



8B2243



B51044



8B3522



453E40



85002A



050002

Previews

White Background



This preview shows how the Hex color 228B6A looks on a white background.

Color Contrast Check

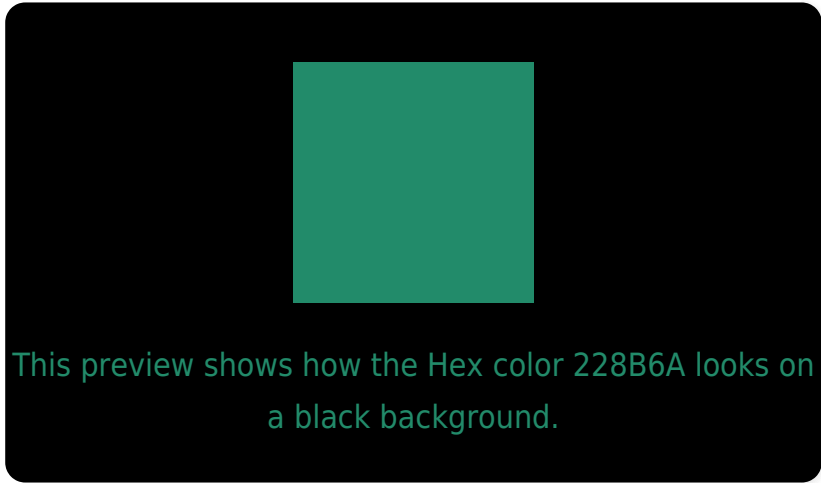
Large Text (above 18pt) WCAG AA ✓ Pass

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

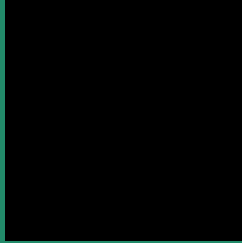
Any Text WCAG AA ✓ Pass

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 228B6A Background



This preview shows how black text looks on a background with the Hex color 228B6A.

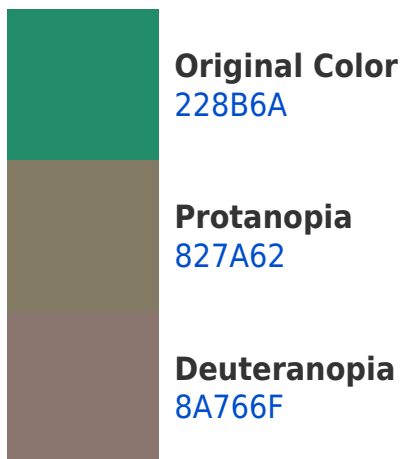


This preview shows how white text looks on a background with the Hex color 228B6A.

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





Tritanopia
368691

Trichromacy



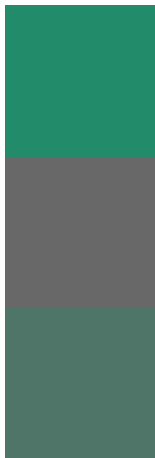
Original Color
228B6A

Protanomaly
5F8065

Deuteranomaly
647E6D

Tritanomaly
2F8883

Monochromacy



Original Color
228B6A

Achromatopsia
686868

Achromatomaly
4F7569

CSS Examples

Text

The CSS property to change the color of the text to Hex 228B6A 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 #228B6A looks like.

```
.text, #text, p{  
    color:#228B6A  
}
```

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 #228B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #228B6A
}
```

Border

The CSS property to change the border of an element to Hex 228B6A 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
#228B6A }
```

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

```
.border{ border-color:#228B6A }
```

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

Here you see how a box with a 4 pixel #228B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #228B6A; -webkit-box-shadow:4px 4px  
4px 4px #228B6A; box-shadow:4px 4px 4px  
4px #228B6A }
```

Background

The CSS property to change the background color of an element to Hex 228B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#228B6A }
```

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

```
.background{ background-color:#228B6A }
```

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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