

Converting Colors

Hex(228F6D)

Have a look what the booklet for
Hex(228F6D) contains.

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Color

Hex(228F6D)

Conversions

Conversions Part 1

Format	Color
Hex	228F6D
RGB	34, 143, 109
RGB Percent	13%, 56%, 43%
CMY	0.8667, 0.4392, 0.5725
CMYK	0.76, 0.00, 0.24, 0.44
HSL	161°, 62%, 35%
HSV	161°, 76%, 56%
XYZ	13.2425, 21.0891, 17.8407
YIQ	106.5330, -54.0500, -33.6820

Conversions

Conversions Part 2

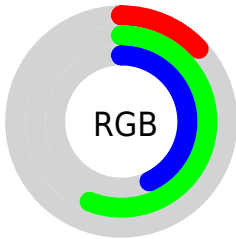
Format	Color
R_{YB}	34, 99, 143
Decimal	2264941
CIE _{Lab}	53.05, -38.41, 9.61
CIE _{LCh}	53, 39.592, 165.959
Yxy	21.0891, 0.2538, 0.4042
Android (android.graphics.Color)	4280455021 (0xFF228F6D)
YUV	106.5330, 1.2162, -63.6114
Hunter-Lab	45.9229, -28.8923, 9.1124

Details

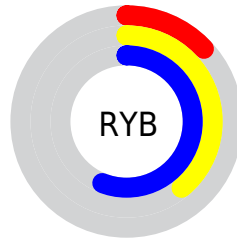
The Hex color **228F6D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F2244**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **60C6A1**, and **005C3D** is the 20% darker color. If you saturate the color by 10%, you get **148F69**, and if you desaturate by 10%, it is **308F71**.

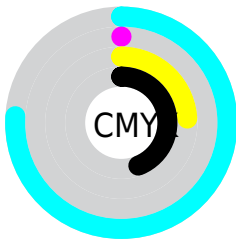
Distribution



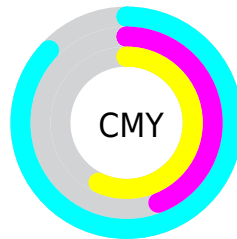
- Red (13%)
- Green (56%)
- Blue (43%)



- Red (13%)
- Yellow (39%)
- Blue (56%)



- Cyan (76%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (87%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 228F6D 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 228F6D by changing the saturation by 10% instead.

 228F6D

 228F6D

FFFFFF

 007555

 60C6A1

 005C3D

 7DE2BC

 004328

 99FFD7

 002C13

 B6FFF4

 001300

 D3FFFF

 000000

 F0FFFF

 228F6D

 228F6D

 148F69

 308F71

■ 058F64

■ 3F8F76

■ 008F62

■ 4D8F7A

■ 5B8F7F

■ 6A8F83

■ 788F88

■ 868F8C

■ 948F91

■ A38F95

Harmonies

Analogous

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



5B8B4E



228F6D



009090

Triad

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



228F6D



677CC0



B76B4F

Complementary

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



228F6D



8F2244

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.



BF636E



228F6D



996FAE

Square

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



228F6D



0087C0



B66490



A1773C

Rectangle

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



228F6D



008FA6



B66490



BB6758

Sweetspot

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



228F6D



8FBAAD



458F22



445E56



DEDEDE



5E5E5E

Same Dimension

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



228F6D



11BA85



227B8F



404745



00875D



000805

Inverse Universe

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



8F2244



BA1146



8F3622



474042



87002A



080002

Previews

White Background



This preview shows how the Hex color 228F6D looks on a white background.

Color Contrast Check

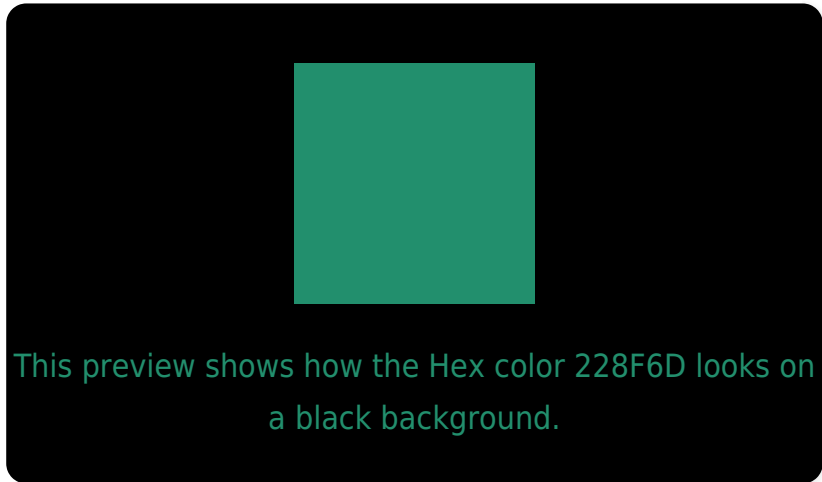
Large Text (above 18pt) WCAG AA ✓ Pass

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

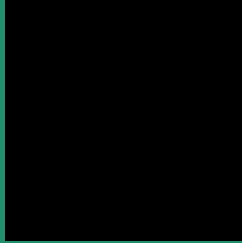
Any Text WCAG AA ✓ Pass

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 228F6D Background



This preview shows how black text looks on a background with the Hex color 228F6D.

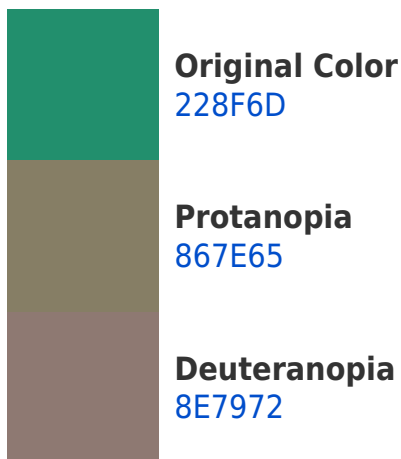


This preview shows how white text looks on a background with the Hex color 228F6D.

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](#).

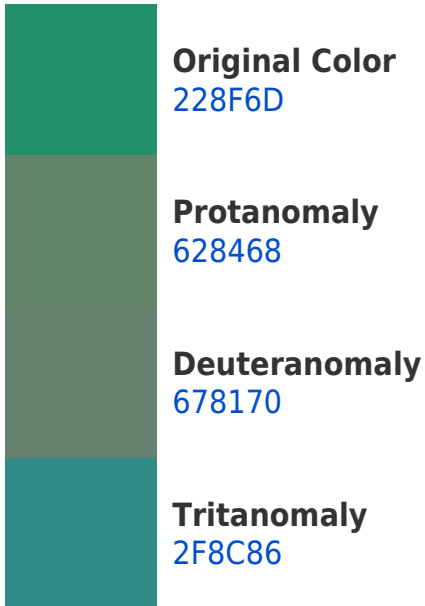
Dichromacy





Tritanopia
378A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 228F6D 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 #228F6D looks like.

```
.text, #text, p{  
    color:#228F6D  
}
```

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 #228F6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #228F6D
}
```

Border

The CSS property to change the border of an element to Hex 228F6D 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
#228F6D }
```

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

```
.border{ border-color:#228F6D }
```

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

Here you see how a box with a 4 pixel #228F6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #228F6D; -webkit-box-shadow:4px 4px  
4px 4px #228F6D; box-shadow:4px 4px 4px  
4px #228F6D }
```

Background

The CSS property to change the background color of an element to Hex 228F6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#228F6D }
```

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

```
.background{ background-color:#228F6D }
```

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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