

# Converting Colors

Hex(2C7281)

Have a look what the booklet for  
Hex(2C7281) contains.

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# Color

**Hex(2C7281)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C7281
RGB	44, 114, 129
RGB Percent	17%, 45%, 51%
CMY	0.8275, 0.5529, 0.4941
CMYK	0.66, 0.12, 0.00, 0.49
HSL	191°, 49%, 34%
HSV	191°, 66%, 51%
XYZ	11.0185, 14.1551, 22.9203
YIQ	94.7800, -46.5350, -10.1750

# Conversions

## Conversions Part 2

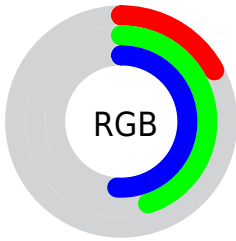
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 82, 129
Decimal	2912897
CIELab	44.45, -16.78, -14.74
CIElCh	44, 22.337, 221.298
Yxy	14.1551, 0.2291, 0.2943
Android (android.graphics.Color)	4281102977 (0xFF2C7281)
YUV	94.7800, 16.8705, -44.5341
Hunter-Lab	37.6232, -13.5646, -9.7836

# Details

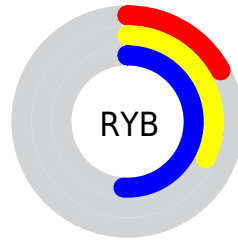
The Hex color **2C7281** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **813B2C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **64A6B6**, and **004250** is the 20% darker color. If you saturate the color by 10%, you get **1F7081**, and if you desaturate by 10%, it is **397481**.

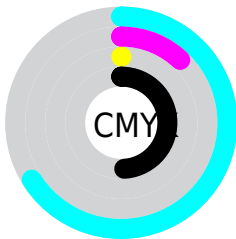
# Distribution



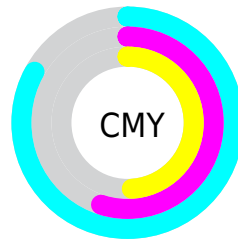
- Red (17%)
- Green (45%)
- Blue (51%)



- Red (17%)
- Yellow (32%)
- Blue (51%)



- Cyan (66%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)



- Cyan (83%)
- Magenta (55%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C7281 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 2C7281 by changing the saturation by 10% instead.



 2C7281

 2C7281

FFFFFF

 045968

 64A6B6

 004250

 7FC1D1

 002B39

 9BDDEE

 001823

 B7FAFF

 00000C

 D4FFFF

 000000

 F1FFFF

 2C7281

 2C7281

 1F7081

 397481

■ 126D81

■ 467781

■ 056B81

■ 537981

■ 006A81

■ 607B81

■ 6D7D81

■ 798081

■ 868281

■ 938481

■ A08681

# Harmonies

## Analogous

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



317370



2C7281



3F6E8C

# Triad

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



2C7281



865D75



6F6A44

# Complementary

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



2C7281



813B2C

# 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.



806446



2C7281



8E5B63

# Square

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



2C7281



756285



8B5E51



5A6F4D

# Rectangle

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



2C7281



526B8E



8B5E51



756844



# Sweetspot

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



2C7281



87A2A8



2C813A



405154



D4D4D4



545454



# Same Dimension

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



2C7281



2391A8



2C4881



393F40



006980



000000



# Inverse Universe

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



812C72



A82391



81652C



40393F



800069



000000



# Previews

## White Background



This preview shows how the Hex color 2C7281 looks on a white background.

## Color Contrast Check

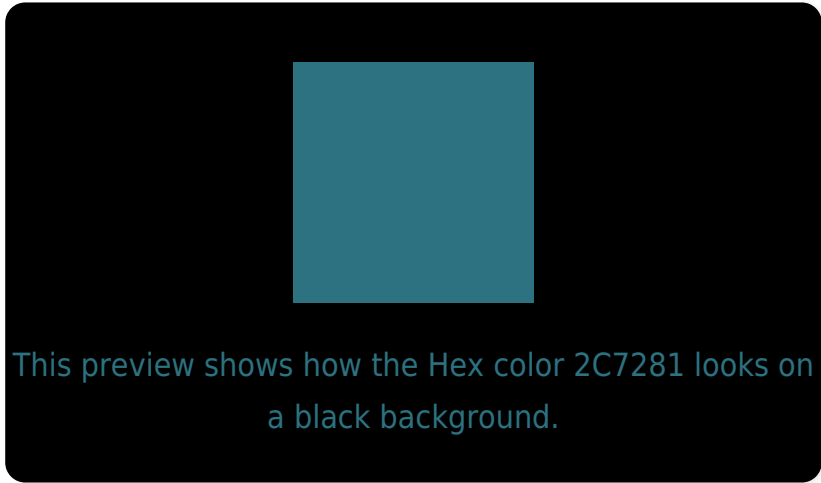
Large Text (above 18pt) WCAG AA ✓ Pass

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

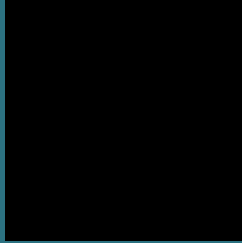
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C7281 Background



This preview shows how black text looks on a background with the Hex color 2C7281.

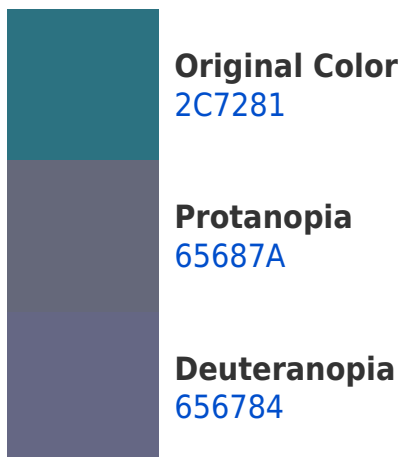


This preview shows how white text looks on a background with the Hex color 2C7281.

# 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**  
29737C

# Trichromacy



**Original Color**  
2C7281

**Protanomaly**  
506C7D

**Deuteranomaly**  
506B83

**Tritanomaly**  
2A737E

# Monochromacy



**Original Color**  
2C7281

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
4C666B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C7281 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 #2C7281 looks like.

```
.text, #text, p{  
    color:#2C7281  
}
```

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 #2C7281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7281
}
```

## Border

The CSS property to change the border of an element to Hex 2C7281 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
#2C7281 }
```

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

```
.border{ border-color:#2C7281 }
```

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

Here you see how a box with a 4 pixel #2C7281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7281; -webkit-box-shadow:4px 4px  
4px 4px #2C7281; box-shadow:4px 4px 4px  
4px #2C7281 }
```

# Background

The CSS property to change the background color of an element to Hex 2C7281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7281 }
```

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

```
.background{ background-color:#2C7281 }
```

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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