

Converting Colors

Hex(2D7167)

Have a look what the booklet for
Hex(2D7167) contains.

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Color

Hex(2D7167)

Conversions

Conversions Part 1

Format	Color
Hex	2D7167
RGB	45, 113, 103
RGB Percent	18%, 44%, 40%
CMY	0.8235, 0.5569, 0.5961
CMYK	0.60, 0.00, 0.09, 0.56
HSL	171°, 43%, 31%
HSV	171°, 60%, 44%
XYZ	9.4355, 13.3474, 14.9110
YIQ	91.5280, -37.3180, -17.5260

Conversions

Conversions Part 2

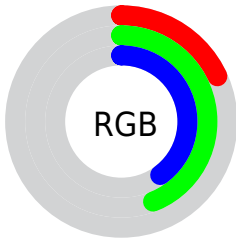
Format	Color
RYB	45, 82, 113
Decimal	2978151
CIELab	43.28, -24.01, -0.88
CIELCh	43, 24.028, 182.095
Yxy	13.3474, 0.2503, 0.3541
Android (android.graphics.Color)	4281168231 (0xFF2D7167)
YUV	91.5280, 5.6557, -40.8051
Hunter-Lab	36.5341, -17.8343, 1.3754




Details

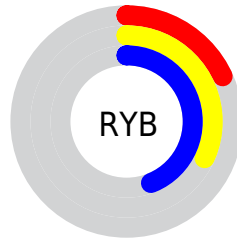
The Hex color **2D7167** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **712D37**, and the grayscale version is **5C5C5C**.




A 20% lighter version of the original color is **62A59A**, and **004138** is the 20% darker color. If you saturate the color by 10%, you get **227165**, and if you desaturate by 10%, it is **387169**.

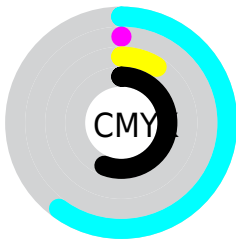
Distribution







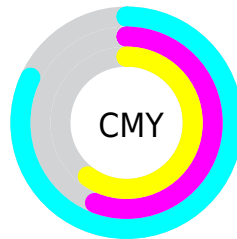
-  Red (18%)
-  Green (44%)
-  Blue (40%)






-  Red (18%)
-  Yellow (32%)
-  Blue (44%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (56%)



-  Cyan (82%)
-  Magenta (56%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7167 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 2D7167 by changing the saturation by 10% instead.

■ 2D7167

■ 2D7167

FFFFFF

■ 0D584F

■ 62A59A

■ 004138

■ 7DC0B5

■ 002A23

■ 98DCD0

■ 00140D

■ B4F9ED

■ 000000

■ D0FFFF

■ EDFFFF

■ 2D7167

■ 2D7167

■ 227165

■ 387169

■ 167164

■ 44716A

■ 0B7162

■ 4F716C

■ 007160

■ 5A716E

■ 66716F

■ 717171

■ 7C7173

■ 877174

■ 937176

Harmonies

Analogous

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



466F53



2D7167



1D707B

Triad

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



2D7167



6B6188



835F44

Complementary

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



2D7167



712D37

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.



8C5952



2D7167



815A79

Square

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



2D7167



4D688E



8C5766



72653E

Rectangle

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



2D7167



246F85



8C5766



875C48

Sweetspot

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



2D7167



799490



37712D



3A4A48



C9C9C9



4A4A4A

Same Dimension

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



2D7167



299484



2D5971



323837



007866



00F7D3

Inverse Universe

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



712D37



942939



71452D



383233



780012



F70024

Previews

White Background



This preview shows how the Hex color 2D7167 looks on a white background.

Color Contrast Check

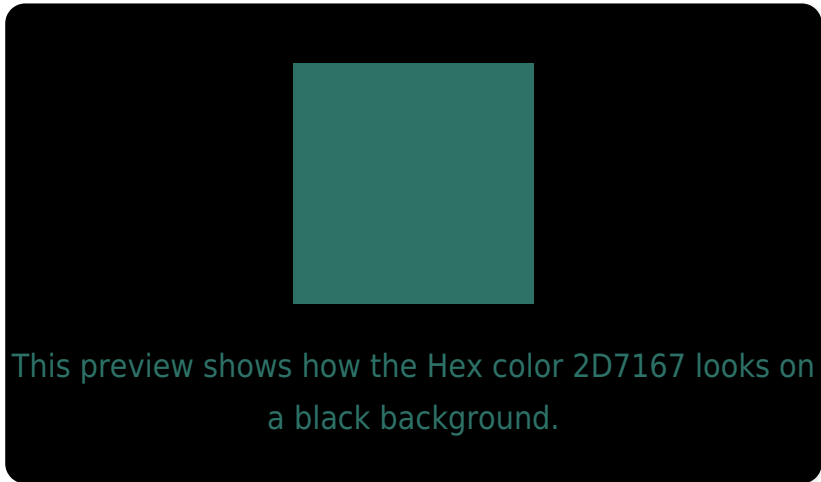
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D7167 Background



This preview shows how black text looks on a background with the Hex color 2D7167.

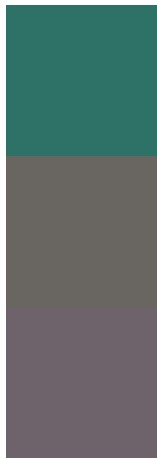


This preview shows how white text looks on a background with the Hex color 2D7167.

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
2D7167

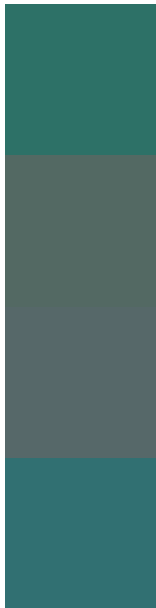
Protanopia
696560

Deuteranopia
6E636A



Tritanopia
346F78

Trichromacy



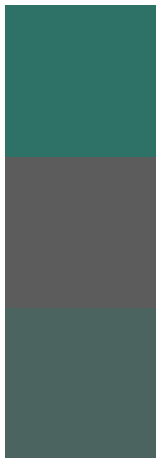
Original Color
2D7167

Protanomaly
536963

Deuteranomaly
566869

Tritanomaly
317072

Monochromacy



Original Color
2D7167

Achromatopsia
5C5C5C

Achromatomaly
4B6460

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7167 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 #2D7167 looks like.

```
.text, #text, p{  
    color:#2D7167  
}
```

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 #2D7167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7167
}
```

Border

The CSS property to change the border of an element to Hex 2D7167 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
#2D7167 }
```

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

```
.border{ border-color:#2D7167 }
```

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

Here you see how a box with a 4 pixel #2D7167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7167; -webkit-box-shadow:4px 4px  
4px 4px #2D7167; box-shadow:4px 4px 4px  
4px #2D7167 }
```

Background

The CSS property to change the background color of an element to Hex 2D7167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7167 }
```

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

```
.background{ background-color:#2D7167 }
```

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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