

Converting Colors

Hex(2F7183)

Have a look what the booklet for
Hex(2F7183) contains.

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Color

Hex(2F7183)

Conversions

Conversions Part 1

Format	Color
Hex	2F7183
RGB	47, 113, 131
RGB Percent	18%, 44%, 51%
CMY	0.8157, 0.5569, 0.4863
CMYK	0.64, 0.14, 0.00, 0.49
HSL	193°, 47%, 35%
HSV	193°, 64%, 51%
XYZ	11.1742, 14.0533, 23.5963
YIQ	95.3180, -45.1140, -8.3940

Conversions

Conversions Part 2

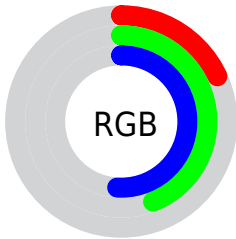
Format	Color
RYB	47, 84, 131
Decimal	3109251
CIELab	44.31, -15.01, -16.15
CIElCh	44, 22.050, 227.091
Yxy	14.0533, 0.2289, 0.2878
Android (android.graphics.Color)	4281299331 (0xFF2F7183)
YUV	95.3180, 17.5912, -42.3749
Hunter-Lab	37.4877, -12.3971, -11.0782




Details

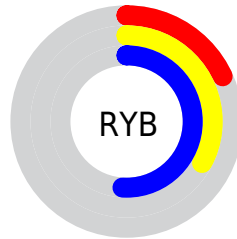
The Hex color **2F7183** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83412F**, and the grayscale version is **5F5F5F**.




A 20% lighter version of the original color is **66A5B8**, and **004152** is the 20% darker color. If you saturate the color by 10%, you get **226E83**, and if you desaturate by 10%, it is **3C7483**.

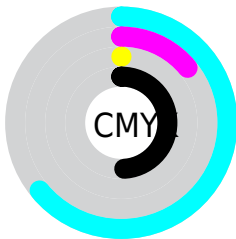
Distribution







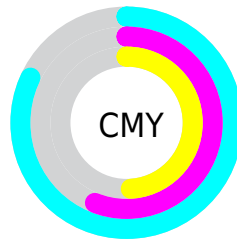
-  Red (18%)
-  Green (44%)
-  Blue (51%)






-  Red (18%)
-  Yellow (33%)
-  Blue (51%)



-  Cyan (64%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (82%)
-  Magenta (56%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7183 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 2F7183 by changing the saturation by 10% instead.

■ 2F7183

■ 2F7183

FFFFFF

■ 0B586A

■ 66A5B8

■ 004152

■ 82C0D4

■ 002B3B

■ 9DDCF0

■ 001825

■ B9F9FF

■ 00010F

■ D6FFFF

■ 000000

■ F3FFFF

■ 2F7183

■ 2F7183

■ 226E83

■ 3C7483

■ 156B83

■ 497783

■ 086983

■ 567983

■ 006783

■ 637C83

■ 717F83

■ 7E8283

■ 8B8583

■ 988783

■ A58A83

Harmonies

Analogous

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



2F7373



2F7183



446D8C

Triad

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



2F7183



885C71



6B6B45

Complementary

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



2F7183



83412F

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.



7D6545



2F7183



8D5B5F

Square

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



2F7183



786082



895F4F



56704F

Rectangle

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



2F7183



57698D



895F4F



716944

Sweetspot

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



2F7183



8AA4AB



2F8340



435257



D6D6D6



575757

Same Dimension

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



2F7183



278FAB



2F4883



3C4142



006682



000203

Inverse Universe

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



832F71



AB278F



836A2F



423C41



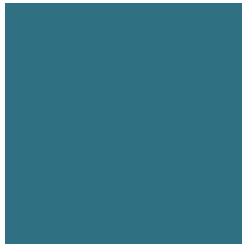
820066



030002

Previews

White Background



This preview shows how the Hex color 2F7183 looks on a white background.

Color Contrast Check

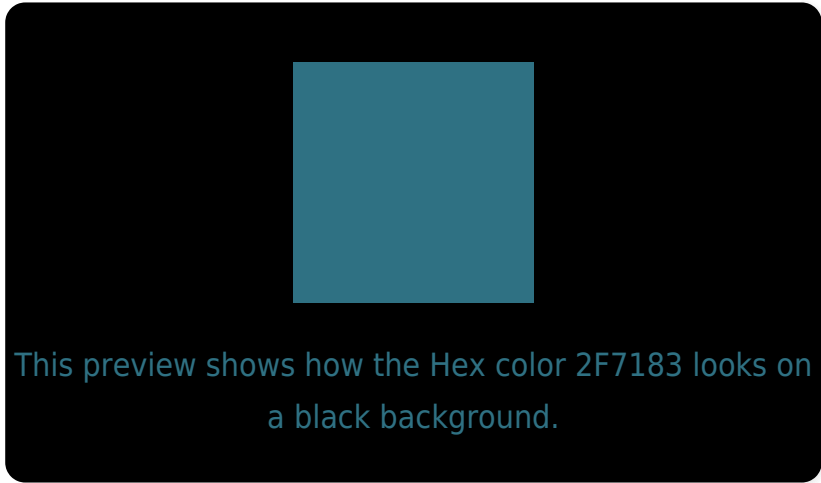
Large Text (above 18pt) WCAG AA ✓ Pass

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

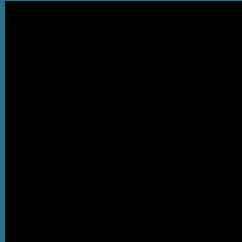
Any Text WCAG AA × Fail

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 2F7183 Background



This preview shows how black text looks on a background with the Hex color 2F7183.

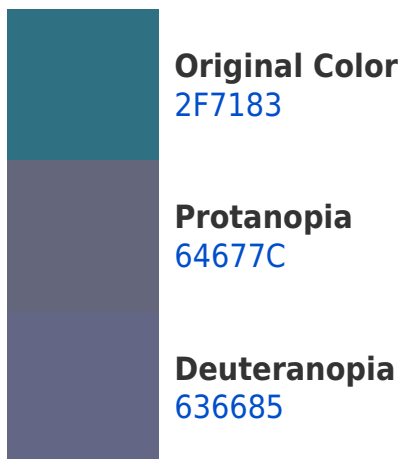


This preview shows how white text looks on a background with the Hex color 2F7183.

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](#).

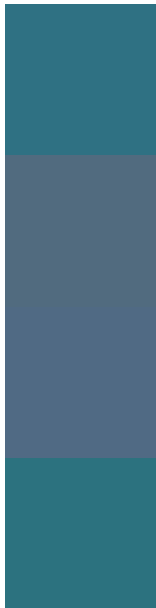
Dichromacy





Tritanopia
2B727C

Trichromacy



Original Color
2F7183

Protanomaly
516B7F

Deuteranomaly
506A84

Tritanomaly
2C727F

Monochromacy



Original Color
2F7183

Achromatopsia
5F5F5F

Achromatomaly
4E666C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7183 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 #2F7183 looks like.

```
.text, #text, p{  
    color:#2F7183  
}
```

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 #2F7183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7183
}
```

Border

The CSS property to change the border of an element to Hex 2F7183 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
#2F7183 }
```

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

```
.border{ border-color:#2F7183 }
```

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

Here you see how a box with a 4 pixel #2F7183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7183; -webkit-box-shadow:4px 4px  
4px 4px #2F7183; box-shadow:4px 4px 4px  
4px #2F7183 }
```

Background

The CSS property to change the background color of an element to Hex 2F7183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7183 }
```

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

```
.background{ background-color:#2F7183 }
```

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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