

Converting Colors

Hex(2F7258)

Have a look what the booklet for
Hex(2F7258) contains.

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Color

Hex(2F7258)

Conversions

Conversions Part 1

Format	Color
Hex	2F7258
RGB	47, 114, 88
RGB Percent	18%, 45%, 35%
CMY	0.8157, 0.5529, 0.6549
CMYK	0.59, 0.00, 0.23, 0.55
HSL	157°, 42%, 32%
HSV	157°, 59%, 45%
XYZ	8.9511, 13.3435, 11.3363
YIQ	91.0030, -31.5860, -22.2900

Conversions

Conversions Part 2

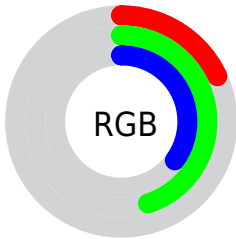
Format	Color
R_{YB}	47, 89, 114
Decimal	3109464
CIE _{Lab}	43.28, -28.02, 8.11
CIE _{LCh}	43, 29.170, 163.852
Yxy	13.3435, 0.2662, 0.3968
Android (android.graphics.Color)	4281299544 (0xFF2F7258)
YUV	91.0030, -1.4805, -38.5906
Hunter-Lab	36.5288, -20.1856, 7.1702

Details

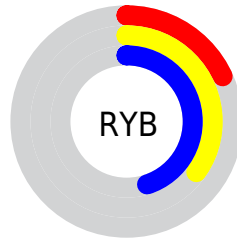
The Hex color **2F7258** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **722F49**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **63A68A**, and **00412B** is the 20% darker color. If you saturate the color by 10%, you get **247254**, and if you desaturate by 10%, it is **3A725C**.

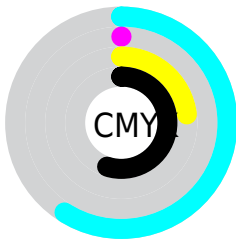
Distribution



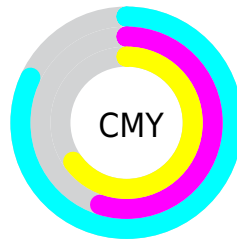
- Red (18%)
- Green (45%)
- Blue (35%)



- Red (18%)
- Yellow (35%)
- Blue (45%)



- Cyan (59%)
- Magenta (0%)
- Yellow (23%)
- Black (55%)



- Cyan (82%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2F7258 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 2F7258 by changing the saturation by 10% instead.

 2F7258

 2F7258

FFFFFF

 115941

 63A68A

 00412B

 7EC2A4

 002B16

 99DEBF

 001400

 B5FBDB

 000000

 D1FFF8

 EEEFFF

 2F7258

 2F7258

 247254

 3A725C

■ 18724F

■ 467261

■ 0D724B

■ 517265

■ 017246

■ 5D726A

■ 007246

■ 68726E

■ 737273

■ 7F7277

■ 8A727B

■ 967280

Harmonies

Analogous

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



506E42



2F7258



007371

Triad

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



2F7258



546595



905846

Complementary

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



2F7258



722F49

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.



95535C



2F7258



775C89

Square

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



2F7258



256C94



8D5574



816038

Rectangle

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



2F7258



007280



8D5574



93564D

Sweetspot

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



2F7258



79948A



4A722F



3A4A44



C9C9C9



4A4A4A

Same Dimension

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



2F7258



2B946B



2F6B72



323836



007849



00F797

Inverse Universe

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



722F49



942B54



72362F



383235



78002F



F70060

Previews

White Background



This preview shows how the Hex color 2F7258 looks on a white background.

Color Contrast Check

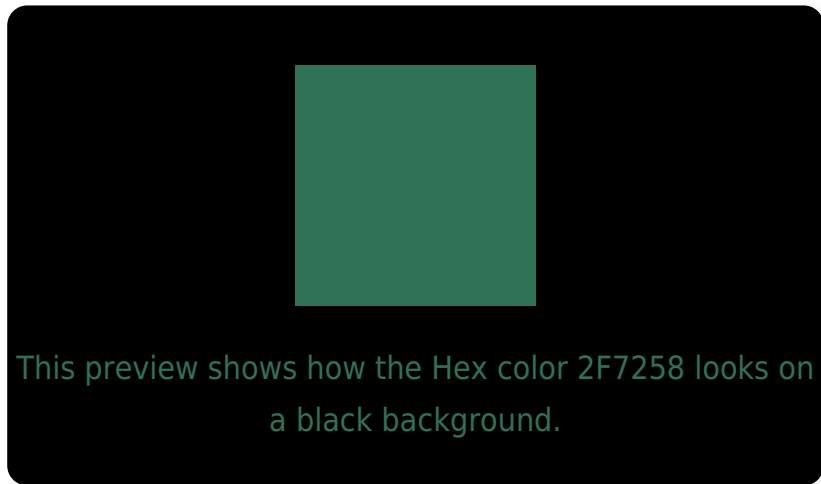
Large Text (above 18pt) WCAG AA ✓ Pass

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

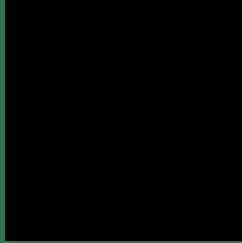
Any Text WCAG AA × Fail

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 2F7258 Background



This preview shows how black text looks on a background with the Hex color 2F7258.



This preview shows how white text looks on a background with the Hex color 2F7258.

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
2F7258

Protanopia
6C6652

Deuteranopia
73625B



Tritanopia
396E77

Trichromacy



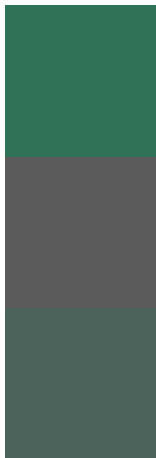
Original Color
2F7258

Protanomaly
566A54

Deuteranomaly
5A685A

Tritanomaly
356F6C

Monochromacy



Original Color
2F7258

Achromatopsia
5B5B5B

Achromatomaly
4B635A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7258 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 #2F7258 looks like.

```
.text, #text, p{  
    color:#2F7258  
}
```

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 #2F7258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7258
}
```

Border

The CSS property to change the border of an element to Hex 2F7258 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
#2F7258 }
```

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

```
.border{ border-color:#2F7258 }
```

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

Here you see how a box with a 4 pixel #2F7258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7258; -webkit-box-shadow:4px 4px  
4px 4px #2F7258; box-shadow:4px 4px 4px  
4px #2F7258 }
```

Background

The CSS property to change the background color of an element to Hex 2F7258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7258 }
```

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

```
.background{ background-color:#2F7258 }
```

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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