

Converting Colors

Hex(2F7928)

Have a look what the booklet for
Hex(2F7928) contains.

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Color

Hex(2F7928)

Conversions

Conversions Part 1

Format	Color
Hex	2F7928
RGB	47, 121, 40
RGB Percent	18%, 47%, 16%
CMY	0.8157, 0.5255, 0.8431
CMYK	0.61, 0.00, 0.67, 0.53
HSL	115°, 50%, 32%
HSV	115°, 67%, 47%
XYZ	8.3927, 14.4323, 4.3509
YIQ	89.6400, -18.1030, -40.8790

Conversions

Conversions Part 2

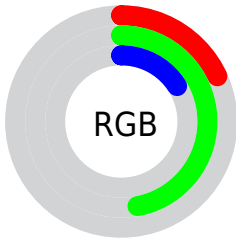
Format	Color
R_{YB}	40, 121, 114
Decimal	3111208
CIE _{Lab}	44.85, -39.62, 36.53
CIE _{LCh}	45, 53.892, 137.321
Yxy	14.4323, 0.3088, 0.5311
Android (android.graphics.Color)	4281301288 (0xFF2F7928)
YUV	89.6400, -24.4725, -37.3953
Hunter-Lab	37.9898, -27.0483, 19.8026

Details

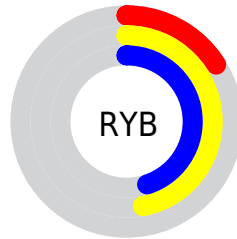
The Hex color **2F7928** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **722879**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **66AE59**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **24791C**, and if you desaturate by 10%, it is **3A7934**.

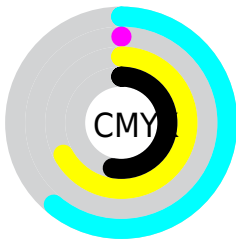
Distribution



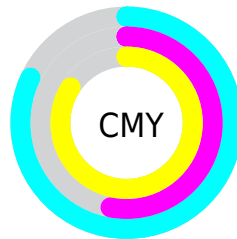
- Red (18%)
- Green (47%)
- Blue (16%)



- Red (16%)
- Yellow (47%)
- Blue (45%)



- Cyan (61%)
- Magenta (0%)
- Yellow (67%)
- Black (53%)



- Cyan (82%)
- Magenta (53%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7928 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 2F7928 by changing the saturation by 10% instead.



2F7928



2F7928

FFFFFF



0D600E



66AE59



004700



81CA72



003000



9CE68D



001A00



B8FFA8



000000



D5FFC3



F2FFDF



FFFFFFC



2F7928



2F7928

■ 24791C

■ 3A7934

■ 197910

■ 457940

■ 0E7904

■ 50794C

■ 0A7900

■ 5B7958

■ 667964

■ 717971

■ 7C797D

■ 877989

■ 927995

Harmonies

Analogous

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



677000



2F7928



007E55

Triad

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



2F7928



0075C2



BA3D52

Complementary

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



2F7928



722879

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.



B13F7F



2F7928



3F66C0

Square

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



2F7928



007CAB



8C52A8



AD4E29

Rectangle

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



2F7928



007F74



8C52A8



BA3B61

Sweetspot

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



2F7928



819E7E



797128



3E4F3C



CFCFCF



4F4F4F

Same Dimension

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



2F7928



2B9E20



287948



383D37



0B7D00



16FC00

Inverse Universe

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



722879



93209E



792859



3D373D



72007D



E700FC

Previews

White Background



This preview shows how the Hex color 2F7928 looks on a white background.

Color Contrast Check

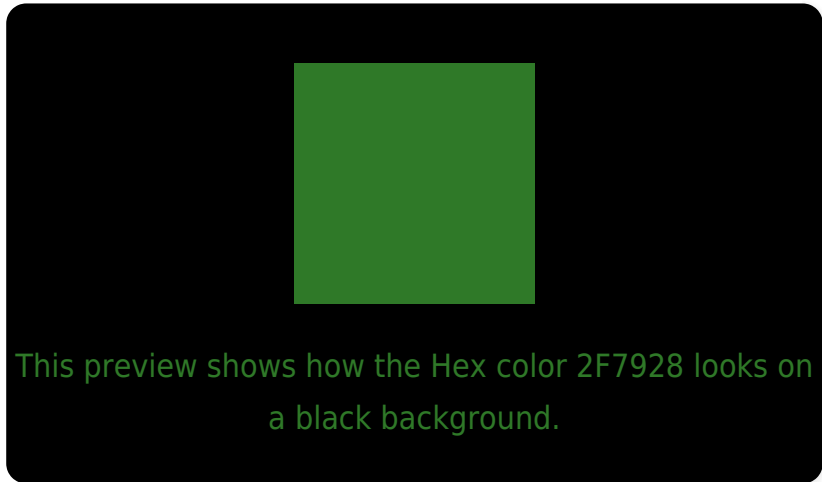
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F7928 Background



This preview shows how black text looks on a background with the Hex color 2F7928.



This preview shows how white text looks on a background with the Hex color 2F7928.

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
2F7928

Protanopia
766A24

Deuteranopia
83642F



Tritanopia
42717A

Trichromacy



Original Color
2F7928

Protanomaly
5C6F25

Deuteranomaly
646C2C

Tritanomaly
3B745C

Monochromacy



Original Color
2F7928

Achromatopsia
5A5A5A

Achromatomaly
4A6548

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7928 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 #2F7928 looks like.

```
.text, #text, p{  
    color:#2F7928  
}
```

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 #2F7928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7928
}
```

Border

The CSS property to change the border of an element to Hex 2F7928 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".

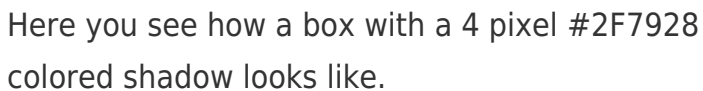
```
.border, #border, table{ border:4px solid
#2F7928 }
```

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

```
.border{ border-color:#2F7928 }
```

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

Here you see how a box with a 4 pixel #2F7928 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7928; -webkit-box-shadow:4px 4px  
4px 4px #2F7928; box-shadow:4px 4px 4px  
4px #2F7928 }
```

Background

The CSS property to change the background color of an element to Hex 2F7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7928 }
```

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

```
.background{ background-color:#2F7928 }
```

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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