

Converting Colors

Hex(2F7942)

Have a look what the booklet for
Hex(2F7942) contains.

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Color

Hex(2F7942)

Conversions

Conversions Part 1

Format	Color
Hex	2F7942
RGB	47, 121, 66
RGB Percent	18%, 47%, 26%
CMY	0.8157, 0.5255, 0.7412
CMYK	0.61, 0.00, 0.45, 0.53
HSL	135°, 44%, 33%
HSV	135°, 61%, 47%
XYZ	8.9930, 14.6724, 7.5123
YIQ	92.6040, -26.4490, -32.7930

Conversions

Conversions Part 2

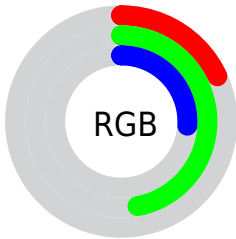
Format	Color
RYB	47, 106, 121
Decimal	3111234
CIELab	45.18, -35.88, 23.46
CIELCh	45, 42.866, 146.823
Yxy	14.6724, 0.2884, 0.4706
Android (android.graphics.Color)	4281301314 (0xFF2F7942)
YUV	92.6040, -13.1158, -39.9947
Hunter-Lab	38.3046, -25.1254, 15.1852

Details

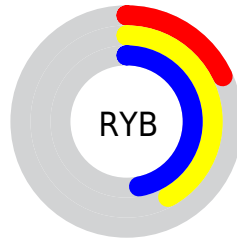
The Hex color **2F7942** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **792F66**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **65AE73**, and **004715** is the 20% darker color. If you saturate the color by 10%, you get **237939**, and if you desaturate by 10%, it is **3B794B**.

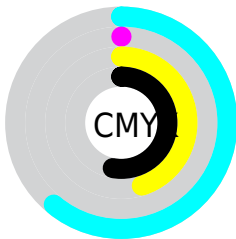
Distribution



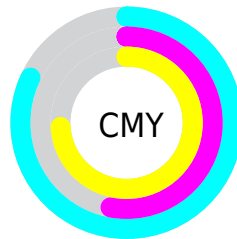
- Red (18%)
- Green (47%)
- Blue (26%)



- Red (18%)
- Yellow (42%)
- Blue (47%)



- Cyan (61%)
- Magenta (0%)
- Yellow (45%)
- Black (53%)



- Cyan (82%)
- Magenta (53%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7942 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 2F7942 by changing the saturation by 10% instead.



2F7942



2F7942

FFFFFF



0F602B



65AE73



004715



7FCA8D



003000



9BE6A7



001B00



B7FFC2



000000



D3FFDE



F0FFFB



2F7942



2F7942



237939



3B794B

■ 177930

■ 477954

■ 0B7927

■ 53795D

■ 00791F

■ 5F7966

■ 6B796F

■ 787978

■ 847981

■ 90798A

■ 9C7993

Harmonies

Analogous

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



5F7227



2F7942



007C66

Triad

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



2F7942



0070B2



AB4E4D

Complementary

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



2F7942



792F66

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.



A94B70



2F7942



6663AB

Square

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



2F7942



0078A6



935493



9D5A2F

Rectangle

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



2F7942



007C7F



935493



AD4B58

Sweetspot

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



2F7942



829E89



66792F



3E4F42



CFCFCF



4F4F4F

Same Dimension

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



2F7942



2B9E48



2F7966



373D39



007D20



00FC41

Inverse Universe

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



792F66



9E2B80



792F42



3D373C



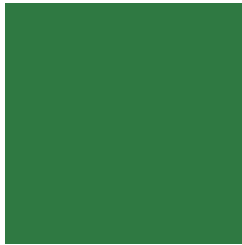
7D005D



FC00BC

Previews

White Background



This preview shows how the Hex color 2F7942 looks on a white background.

Color Contrast Check

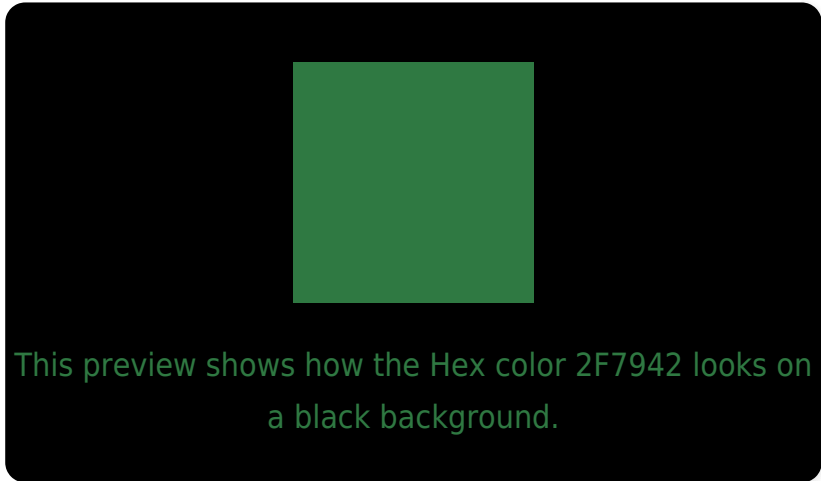
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F7942 Background



This preview shows how black text looks on a background with the Hex color 2F7942.



This preview shows how white text looks on a background with the Hex color 2F7942.

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
2F7942

Protanopia
756A3D

Deuteranopia
806647



Tritanopia
3F727C

Trichromacy



Original Color
2F7942

Protanomaly
5C6F3F

Deuteranomaly
636D45

Tritanomaly
397567

Monochromacy



Original Color
2F7942

Achromatopsia
5D5D5D

Achromatomaly
4C6753

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7942 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 #2F7942 looks like.

```
.text, #text, p{  
    color:#2F7942  
}
```

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 #2F7942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7942
}
```

Border

The CSS property to change the border of an element to Hex 2F7942 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
#2F7942 }
```

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

```
.border{ border-color:#2F7942 }
```

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

Here you see how a box with a 4 pixel #2F7942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7942; -webkit-box-shadow:4px 4px  
4px 4px #2F7942; box-shadow:4px 4px 4px  
4px #2F7942 }
```

Background

The CSS property to change the background color of an element to Hex 2F7942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7942 }
```

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

```
.background{ background-color:#2F7942 }
```

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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