

Converting Colors

Hex(2F6428)

Have a look what the booklet for
Hex(2F6428) contains.

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Color

Hex(2F6428)

Conversions

Conversions Part 1

Format	Color
Hex	2F6428
RGB	47, 100, 40
RGB Percent	18%, 39%, 16%
CMY	0.8157, 0.6078, 0.8431
CMYK	0.53, 0.00, 0.60, 0.61
HSL	113°, 43%, 27%
HSV	113°, 60%, 39%
XYZ	6.1125, 9.8719, 3.5908
YIQ	77.3130, -12.3280, -29.8960

Conversions

Conversions Part 2

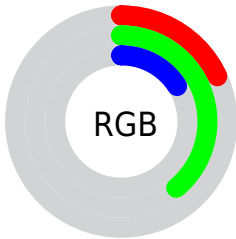
Format	Color
R_{YB}	40, 100, 93
Decimal	3105832
CIE _{Lab}	37.61, -30.76, 28.30
CIE _{LCh}	38, 41.797, 137.390
Yxy	9.8719, 0.3123, 0.5043
Android (android.graphics.Color)	4281295912 (0xFF2F6428)
YUV	77.3130, -18.3953, -26.5845
Hunter-Lab	31.4196, -20.2582, 15.2177

Details

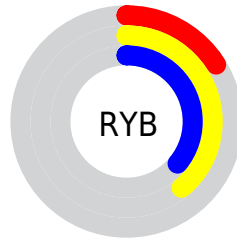
The Hex color **2F6428** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D2864**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **629757**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **26641E**, and if you desaturate by 10%, it is **386432**.

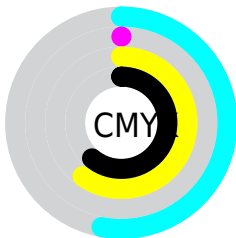
Distribution



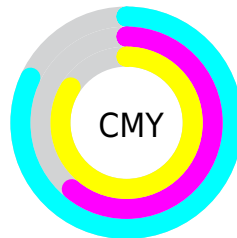
- Red (18%)
- Green (39%)
- Blue (16%)



- Red (16%)
- Yellow (39%)
- Blue (36%)



- Cyan (53%)
- Magenta (0%)
- Yellow (60%)
- Black (61%)



- Cyan (82%)
- Magenta (61%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6428 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 2F6428 by changing the saturation by 10% instead.



2F6428



2F6428

FFFFFF



144C11



629757



003400



7CB270



002100



97CE8A



000000



B2EAA5



CEFFC0



EBFFDC



FFFFF9



2F6428



2F6428

■ 26641E

■ 386432

■ 1D6414

■ 41643C

■ 14640A

■ 4A6446

■ 0C6400

■ 526450

■ 5B645A

■ 646464

■ 6D646E

■ 766478

■ 7F6482

Harmonies

Analogous

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



575D10



2F6428



006849

Triad

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



2F6428



00609A



963946

Complementary

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



2F6428



5D2864

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.



8E3B68



2F6428



3D5599

Square

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



2F6428



00678A



734787



8C4428

Rectangle

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



2F6428



006960



734787



953852

Sweetspot

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



2F6428



6D826B



645D28



354234



C2C2C2



424242

Same Dimension

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



2F6428



2F8224



28643F



2E332E



0D7300



1CF200

Inverse Universe

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



5D2864



772482



64284D



322E33



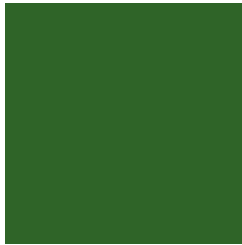
650073



D600F2

Previews

White Background



This preview shows how the Hex color 2F6428 looks on a white background.

Color Contrast Check

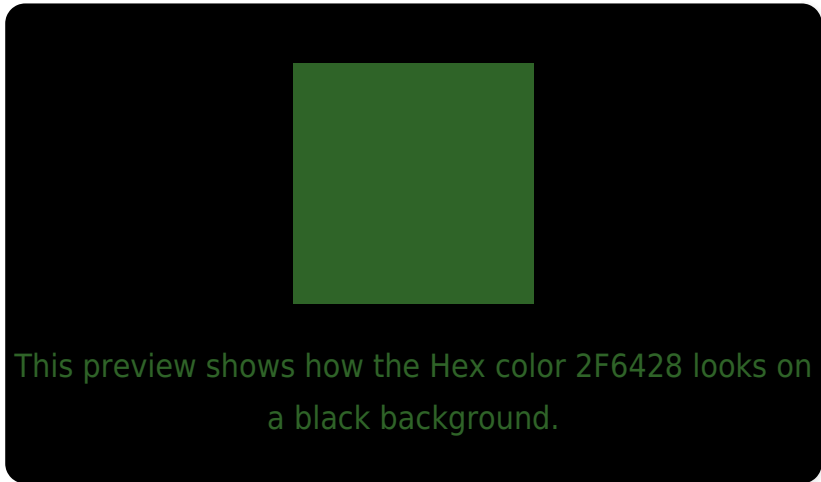
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

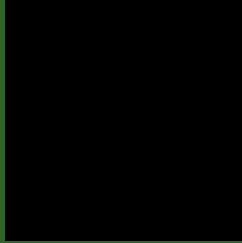
Any Text WCAG AA × Fail

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 2F6428 Background



This preview shows how black text looks on a background with the Hex color 2F6428.



This preview shows how white text looks on a background with the Hex color 2F6428.

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
2F6428

Protanopia
625825

Deuteranopia
6C542D



Tritanopia
3C5E65

Trichromacy



Original Color
2F6428

Protanomaly
4F5C26

Deuteranomaly
565A2B

Tritanomaly
37604F

Monochromacy



Original Color
2F6428

Achromatopsia
4D4D4D

Achromatomaly
425540

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6428 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 #2F6428 looks like.

```
.text, #text, p{  
    color:#2F6428  
}
```

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 #2F6428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6428
}
```

Border

The CSS property to change the border of an element to Hex 2F6428 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
#2F6428 }
```

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

```
.border{ border-color:#2F6428 }
```

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

Here you see how a box with a 4 pixel #2F6428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6428; -webkit-box-shadow:4px 4px  
4px 4px #2F6428; box-shadow:4px 4px 4px  
4px #2F6428 }
```

Background

The CSS property to change the background color of an element to Hex 2F6428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6428 }
```

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

```
.background{ background-color:#2F6428 }
```

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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