

Converting Colors

Hex(2F6406)

Have a look what the booklet for
Hex(2F6406) contains.

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Color

Hex(2F6406)

Conversions

Conversions Part 1

Format	Color
Hex	2F6406
RGB	47, 100, 6
RGB Percent	18%, 39%, 2%
CMY	0.8157, 0.6078, 0.9765
CMYK	0.53, 0.00, 0.94, 0.61
HSL	94°, 89%, 21%
HSV	94°, 94%, 39%
XYZ	5.7623, 9.7318, 1.7470
YIQ	73.4370, -1.4140, -40.4700

Conversions

Conversions Part 2

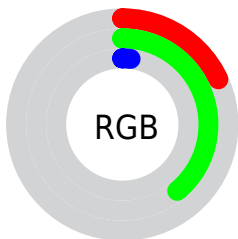
Format	Color
RYB	6, 100, 59
Decimal	3105798
CIELab	37.36, -33.56, 41.55
CIELCh	37, 53.413, 128.931
Yxy	9.7318, 0.3342, 0.5645
Android (android.graphics.Color)	4281295878 (0xFF2F6406)
YUV	73.4370, -33.2464, -23.1852
Hunter-Lab	31.1959, -21.6212, 18.5168

Details

The Hex color **2F6406** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B0664**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **63973D**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **2C6400**, and if you desaturate by 10%, it is **356410**.

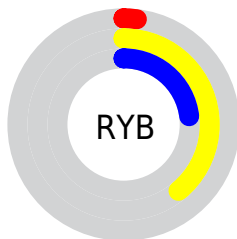
Distribution



Red (18%)

Green (39%)

Blue (2%)



Red (2%)

Yellow (39%)

Blue (23%)

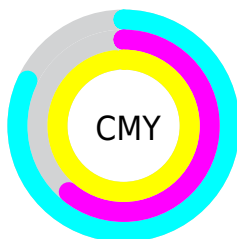


Cyan (53%)

Magenta (0%)

Yellow (94%)

Black (61%)



Cyan (82%)

Magenta (61%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6406 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 2F6406 by changing the saturation by 10% instead.

 2F6406

 2F6406


 FFFFF9

 134C00

 63973D

 003400

 7EB256

 002100

 99CE6F

 000000

 B5EA8A

 D1FFA5

 EEFFC0

 FFFFDC

 2F6406

 2F6406

■ 2C6400

■ 356410

■ 3A641A

■ 406424

■ 46642E

■ 4B6438

■ 516442

■ 56644C

■ 5C6456

■ 626460

Harmonies

Analogous

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



5F5A00



2F6406



006937

Triad

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



2F6406



0065A9



A3264D

Complementary

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



2F6406



3B0664

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.



942F78



2F6406



0059AE

Square

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



2F6406



006A8D



69469C



9C3524

Rectangle

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



2F6406



006B55



69469C



A1265B

Sweetspot

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



2F6406



6E825E



643A06



36422C



C2C2C2



424242

Same Dimension

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



2F6406



398200



06640B



30332E



327300



6AF200

Inverse Universe

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



3B0664



490082



64065F



312E33



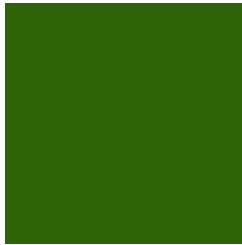
410073



8900F2

Previews

White Background



This preview shows how the Hex color 2F6406 looks on a white background.

Color Contrast Check

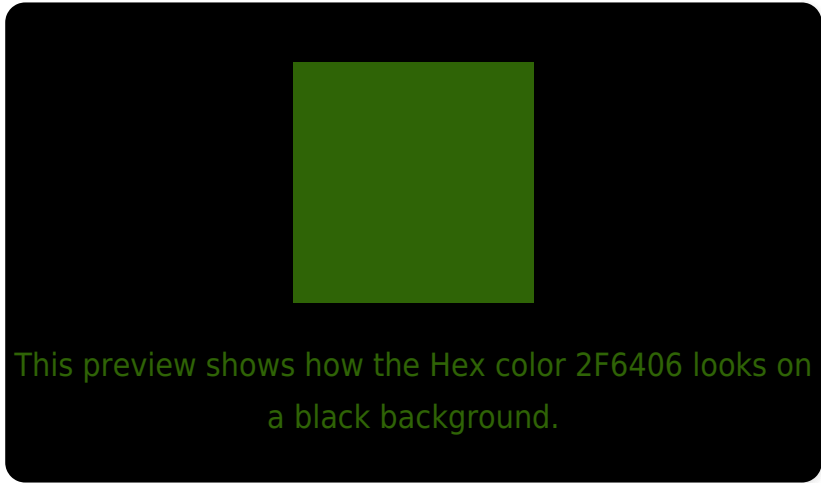
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F6406 Background



This preview shows how black text looks on a background with the Hex color 2F6406.



This preview shows how white text looks on a background with the Hex color 2F6406.

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
2F6406

Protanopia
635800

Deuteranopia
6E5315

Trichromacy



Original Color
2F6406

Protanomaly
505C02

Deuteranomaly
575910

Tritanomaly
386042

Monochromacy



Original Color
2F6406

Achromatopsia
494949

Achromatomaly
405331

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6406 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 #2F6406 looks like.

```
.text, #text, p{  
    color:#2F6406  
}
```

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 #2F6406 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6406
}
```

Border

The CSS property to change the border of an element to Hex 2F6406 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".

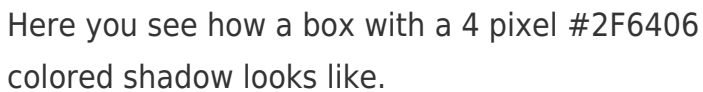
```
.border, #border, table{ border:4px solid
#2F6406 }
```

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

```
.border{ border-color:#2F6406 }
```

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

Here you see how a box with a 4 pixel #2F6406 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6406; -webkit-box-shadow:4px 4px  
4px 4px #2F6406; box-shadow:4px 4px 4px  
4px #2F6406 }
```

Background

The CSS property to change the background color of an element to Hex 2F6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6406 }
```

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

```
.background{ background-color:#2F6406 }
```

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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