

Converting Colors

Hex(2F3705)

Have a look what the booklet for
Hex(2F3705) contains.

Hex(2F3705)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F3705)

Conversions

Conversions Part 1

Format	Color
Hex	2F3705
RGB	47, 55, 5
RGB Percent	18%, 22%, 2%
CMY	0.8157, 0.7843, 0.9804
CMYK	0.15, 0.00, 0.91, 0.78
HSL	70°, 83%, 12%
HSV	70°, 91%, 22%
XYZ	2.5659, 3.3477, 0.6545
YIQ	46.9080, 11.2820, -17.2460

Conversions

Conversions Part 2

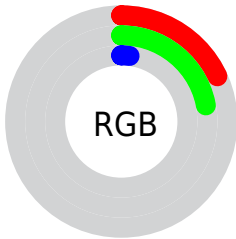
Format	Color
R_{YB}	5, 55, 13
Decimal	3094277
CIE Lab	21.39, -11.15, 27.51
CIE LCh	21, 29.685, 112.068
Yxy	3.3477, 0.3907, 0.5097
Android (android.graphics.Color)	4281284357 (0xFF2F3705)
YUV	46.9080, -20.6606, 0.0807
Hunter-Lab	18.2966, -6.9868, 10.6867

Details

The Hex color **2F3705** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D0537**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5F6633**, and **000900** is the 20% darker color. If you saturate the color by 10%, you get **2E3700**, and if you desaturate by 10%, it is **30370A**.

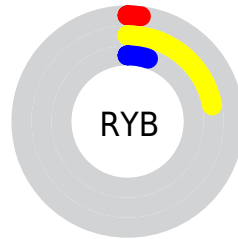
Distribution



Red (18%)

Green (22%)

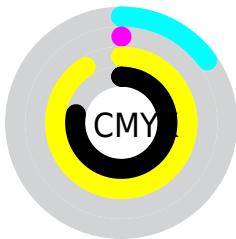
Blue (2%)



Red (2%)

Yellow (22%)

Blue (5%)

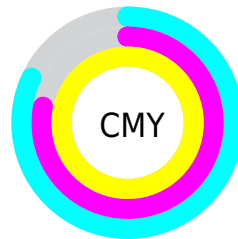


Cyan (15%)

Magenta (0%)

Yellow (91%)

Black (78%)



Cyan (82%)

Magenta (78%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3705 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 2F3705 by changing the saturation by 10% instead.

 2F3705

 2F3705

 FFFFE9

 192200

 5F6633

 000900

 787F4B

 000000

 929963

 ADB37C

 C9CF96

 E5EBB1

 FFFFCD

 2F3705

 2F3705

■ 2E3700

■ 30370A

■ 313710

■ 323715

■ 33371B

■ 333721

■ 343726

■ 35372B

■ 363731

■ 373736

Harmonies

Analogous

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



443002



2F3705



123B17

Triad

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



2F3705



003C56



581F3A

Complementary

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



2F3705



0D0537

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.



48264F



2F3705



00385F

Square

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



2F3705



003E43



29305C



5B2024

Rectangle

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



2F3705



003D25



29305C



542141

Sweetspot

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



2F3705



444734



370C05



222418



A3A3A3



242424

Same Dimension

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



2F3705



3C4700



163705



1C1C19



4D5C00



B8DB00

Inverse Universe

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



0D0537



0B0047



260537



1A191C



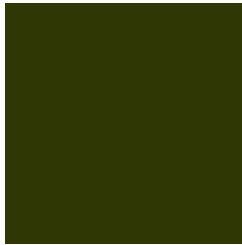
0F005C



2300DB

Previews

White Background



This preview shows how the Hex color 2F3705 looks on a white background.

Color Contrast Check

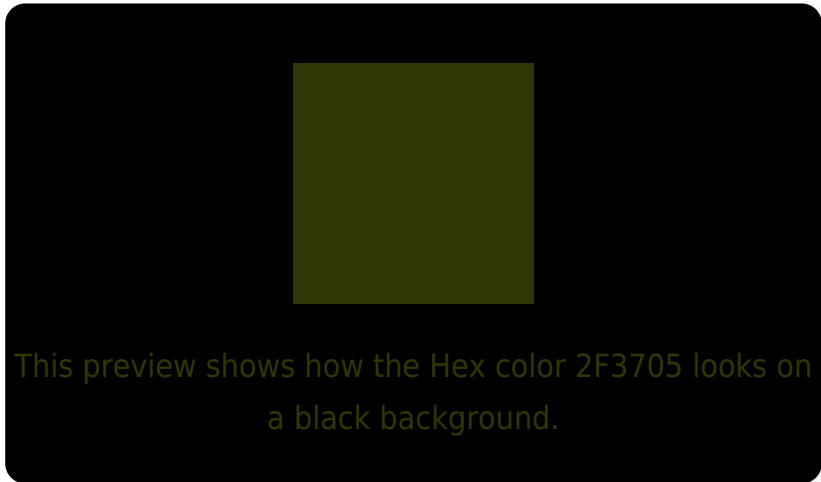
Large Text (above 18pt) WCAG AA ✓ Pass

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

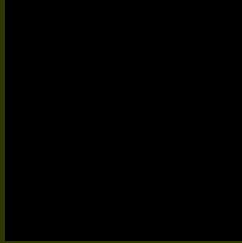
Any Text WCAG AA × Fail

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 2F3705 Background



This preview shows how black text looks on a background with the Hex color 2F3705.



This preview shows how white text looks on a background with the Hex color 2F3705.

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
2F3705

Protanopia
3A3403

Deuteranopia
41310B



Tritanopia
333337

Trichromacy



Original Color
2F3705

Protanomaly
363504

Deuteranomaly
3A3309

Tritanomaly
323425

Monochromacy



Original Color
2F3705

Achromatopsia
2F2F2F

Achromatomaly
2F3220

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3705 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 #2F3705 looks like.

```
.text, #text, p{  
    color:#2F3705  
}
```

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 #2F3705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3705
}
```

Border

The CSS property to change the border of an element to Hex 2F3705 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".

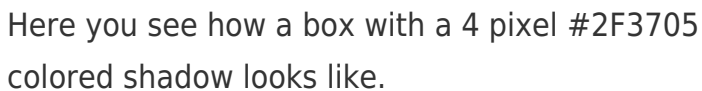
```
.border, #border, table{ border:4px solid
#2F3705 }
```

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

```
.border{ border-color:#2F3705 }
```

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

Here you see how a box with a 4 pixel #2F3705 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3705; -webkit-box-shadow:4px 4px  
4px 4px #2F3705; box-shadow:4px 4px 4px  
4px #2F3705 }
```

Background

The CSS property to change the background color of an element to Hex 2F3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3705 }
```

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

```
.background{ background-color:#2F3705 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor