

Converting Colors

Hex(2F3E00)

Have a look what the booklet for
Hex(2F3E00) contains.

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Color

Hex(2F3E00)

Conversions

Conversions Part 1

Format	Color
Hex	2F3E00
RGB	47, 62, 0
RGB Percent	18%, 24%, 0%
CMY	0.8157, 0.7569, 1.0000
CMYK	0.24, 0.00, 1.00, 0.76
HSL	75°, 100%, 12%
HSV	75°, 100%, 24%
XYZ	2.8949, 4.0496, 0.6291
YIQ	50.4470, 10.9620, -22.4620

Conversions

Conversions Part 2

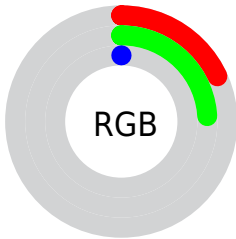
Format	Color
RYB	0, 62, 15
Decimal	3096064
CIELab	23.83, -15.55, 32.10
CIELCh	24, 35.666, 115.854
Yxy	4.0496, 0.3822, 0.5347
Android (android.graphics.Color)	4281286144 (0xFF2F3E00)
YUV	50.4470, -24.8704, -3.0230
Hunter-Lab	20.1236, -9.5378, 12.2331

Details

The Hex color **2F3E00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F003E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5F6E30**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **2F3E00**, and if you desaturate by 10%, it is **313E06**.

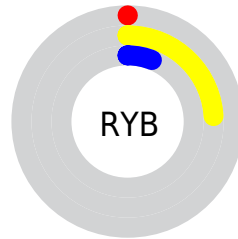
Distribution



Red (18%)

Green (24%)

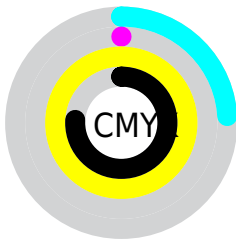
Blue (0%)



Red (0%)

Yellow (24%)

Blue (6%)

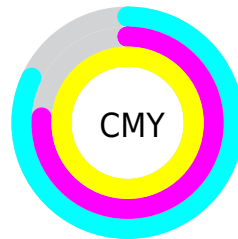


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3E00 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 2F3E00 by changing the saturation by 10% instead.

 2F3E00

 2F3E00

 FFFFE7

 192800

 5F6E30

 001500

 798748

 000000

 93A160

 AEBC7A

 CAD894

 E7F4AF

 FFFFCA

 2F3E00

■ 313E06

■ 323E0C

■ 343E13

■ 353E19

■ 373E1F

■ 383E25

■ 3A3E2B

■ 3B3E32

■ 3D3E38

Harmonies

Analogous

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



493600



2F3E00



024319

Triad

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



2F3E00



004365



661D3E

Complementary

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



2F3E00



0F003E

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.



552757



2F3E00



003D6E

Square

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



2F3E00



00454F



303369



672023

Rectangle

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



2F3E00



00442B



303369



621F47

Sweetspot

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



2F3E00



4C5239



3E0E00



25291A



A8A8A8



292929

Same Dimension

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



2F3E00



3E5200



113E00



1E1F1C



485E00



A8DE00

Inverse Universe

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



0F003E



140052



2D003E



1C1C1F



17005E



3600DE

Previews

White Background



This preview shows how the Hex color 2F3E00 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

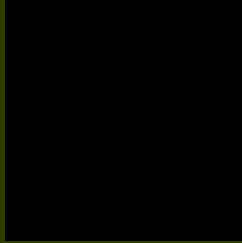
Any Text WCAG AA × Fail

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 2F3E00 Background



This preview shows how black text looks on a background with the Hex color 2F3E00.



This preview shows how white text looks on a background with the Hex color 2F3E00.

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
2F3E00

Protanopia
403900

Deuteranopia
48360B



Tritanopia
343A3E

Trichromacy



Original Color
2F3E00

Protanomaly
3A3B00

Deuteranomaly
3F3907

Tritanomaly
323B27

Monochromacy



Original Color
2F3E00

Achromatopsia
323232

Achromatomaly
313620

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3E00 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 #2F3E00 looks like.

```
.text, #text, p{  
    color:#2F3E00  
}
```

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 #2F3E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3E00
}
```

Border

The CSS property to change the border of an element to Hex 2F3E00 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".

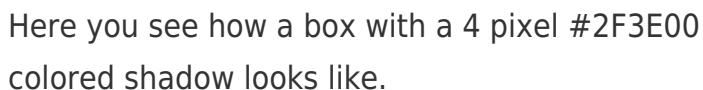
```
.border, #border, table{ border:4px solid
#2F3E00 }
```

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

```
.border{ border-color:#2F3E00 }
```

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

Here you see how a box with a 4 pixel #2F3E00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3E00; -webkit-box-shadow:4px 4px  
4px 4px #2F3E00; box-shadow:4px 4px 4px  
4px #2F3E00 }
```

Background

The CSS property to change the background color of an element to Hex 2F3E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3E00 }
```

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

```
.background{ background-color:#2F3E00 }
```

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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