

Converting Colors

Hex(2E7304)

Have a look what the booklet for
Hex(2E7304) contains.

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Color

Hex(2E7304)

Conversions

Conversions Part 1

Format	Color
Hex	2E7304
RGB	46, 115, 4
RGB Percent	18%, 45%, 2%
CMY	0.8196, 0.5490, 0.9843
CMYK	0.60, 0.00, 0.97, 0.55
HSL	97°, 93%, 23%
HSV	97°, 97%, 45%
XYZ	7.2794, 12.8511, 2.2117
YIQ	81.7150, -5.4930, -49.1490

Conversions

Conversions Part 2

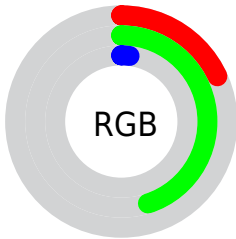
Format	Color
RYB	4, 115, 73
Decimal	3044100
CIELab	42.54, -39.98, 46.36
CIELCh	43, 61.219, 130.778
Yxy	12.8511, 0.3258, 0.5752
Android (android.graphics.Color)	4281234180 (0xFF2E7304)
YUV	81.7150, -38.3135, -31.3221
Hunter-Lab	35.8484, -26.4886, 21.4359

Details

The Hex color **2E7304** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **490473**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **65A83F**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **2C7300**, and if you desaturate by 10%, it is **357310**.

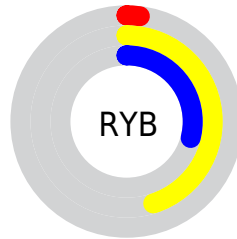
Distribution



Red (18%)

Green (45%)

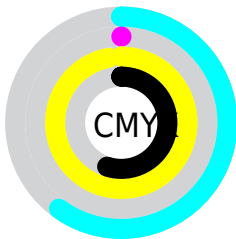
Blue (2%)



Red (2%)

Yellow (45%)

Blue (29%)

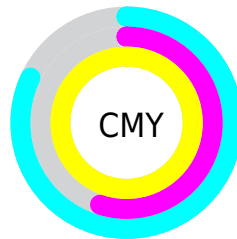


Cyan (60%)

Magenta (0%)

Yellow (97%)

Black (55%)



Cyan (82%)

Magenta (55%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7304 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 2E7304 by changing the saturation by 10% instead.

 2E7304

 2E7304

FFFFFFE

 0B5A00

 65A83F

 004200

 80C359

 002B00

 9CDF73

 001000

 B8FC8D

 000000

 D5FFA9

 F2FFC4

 FFFFE1

 2E7304

 2E7304

■ 2C7300

■ 357310

■ 3C731B

■ 437327

■ 4B7332

■ 52733E

■ 597349

■ 607355

■ 677360

■ 6E736C

Harmonies

Analogous

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



696800



2E7304



007941

Triad

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



2E7304



0073C4



BC2755

Complementary

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



2E7304



490473

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.



AD3287



2E7304



0065C9

Square

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



2E7304



0079A6



7C4DB2



B23D24

Rectangle

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



2E7304



007A64



7C4DB2



BA2665

Sweetspot

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



2E7304



7B966B



734804



3C4D32



CCCCCC



4D4D4D

Same Dimension

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



2E7304



399600



047311



373B35



2E7A00



5FFA00

Inverse Universe

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



490473



5E0096



730466



38353B



4C007A



9B00FA

Previews

White Background



This preview shows how the Hex color 2E7304 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 2E7304 Background



This preview shows how black text looks on a background with the Hex color 2E7304.



This preview shows how white text looks on a background with the Hex color 2E7304.

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
2E7304

Protanopia
716400

Deuteranopia
7E5F18



Tritanopia
416B74

Trichromacy



Original Color
2E7304

Protanomaly
596901

Deuteranomaly
616611

Tritanomaly
3A6E4B

Monochromacy



Original Color
2E7304

Achromatopsia
525252

Achromatomaly
455E36

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7304 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 #2E7304 looks like.

```
.text, #text, p{  
    color:#2E7304  
}
```

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 #2E7304 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7304
}
```

Border

The CSS property to change the border of an element to Hex 2E7304 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".

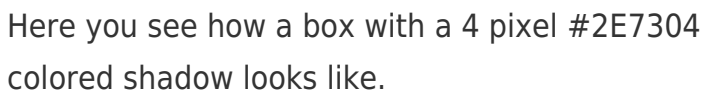
```
.border, #border, table{ border:4px solid
#2E7304 }
```

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

```
.border{ border-color:#2E7304 }
```

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

Here you see how a box with a 4 pixel #2E7304 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7304; -webkit-box-shadow:4px 4px  
4px 4px #2E7304; box-shadow:4px 4px 4px  
4px #2E7304 }
```

Background

The CSS property to change the background color of an element to Hex 2E7304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7304 }
```

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

```
.background{ background-color:#2E7304 }
```

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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