

Converting Colors

Hex(2F530E)

Have a look what the booklet for
Hex(2F530E) contains.

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Color

Hex(2F530E)

Conversions

Conversions Part 1

Format	Color
Hex	2F530E
RGB	47, 83, 14
RGB Percent	18%, 33%, 5%
CMY	0.8157, 0.6745, 0.9451
CMYK	0.43, 0.00, 0.83, 0.67
HSL	91°, 71%, 19%
HSV	91°, 83%, 33%
XYZ	4.3448, 6.8226, 1.5034
YIQ	64.3700, 0.6930, -29.0910

Conversions

Conversions Part 2

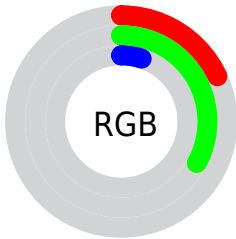
Format	Color
R_{YB}	14, 83, 50
Decimal	3101454
CIE _{Lab}	31.40, -25.53, 33.74
CIE _{LCh}	31, 42.313, 127.111
Yxy	6.8226, 0.3429, 0.5385
Android (android.graphics.Color)	4281291534 (0xFF2F530E)
YUV	64.3700, -24.8324, -15.2335
Hunter-Lab	26.1200, -16.0183, 14.8715

Details

The Hex color **2F530E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **320E53**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **61853E**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **2B5306**, and if you desaturate by 10%, it is **335316**.

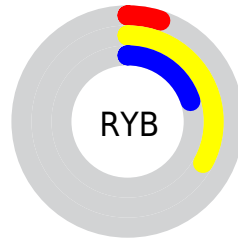
Distribution



Red (18%)

Green (33%)

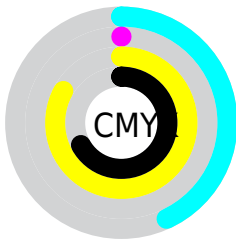
Blue (5%)



Red (5%)

Yellow (33%)

Blue (20%)

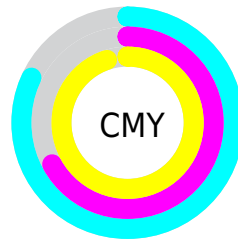


Cyan (43%)

Magenta (0%)

Yellow (83%)

Black (67%)



Cyan (82%)

Magenta (67%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F530E 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 2F530E by changing the saturation by 10% instead.

 2F530E

 2F530E

 FFFFF9

 183C00

 61853E

 002600

 7B9F57

 000A00

 95BA70

 000000

 B0D68A

 CCF2A4

 E9FFC0

 FFFFDC

 2F530E

 2F530E

■ 2B5306

■ 335316

■ 285300

■ 38531F

■ 3C5327

■ 40532F

■ 455337

■ 495340

■ 4D5348

■ 525350

■ 565359

Harmonies

Analogous

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



524B00



2F530E



00572F

Triad

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



2F530E



005487



852743

Complementary

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



2F530E



320E53

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.



772E64



2F530E



004B8C

Square

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



2F530E



005871



553D7F



803024

Rectangle

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



2F530E



005946



553D7F



82284F

Sweetspot

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



2F530E



5D6B50



53320E



2D3625



B5B5B5



363636

Same Dimension

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



2F530E



336B00



0E530F



272925



326900



6FE800

Inverse Universe

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



320E53



38006B



530E52



272529



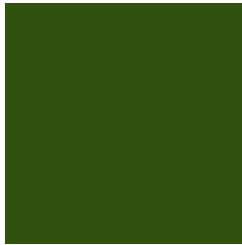
370069



7900E8

Previews

White Background



This preview shows how the Hex color 2F530E looks on a white background.

Color Contrast Check

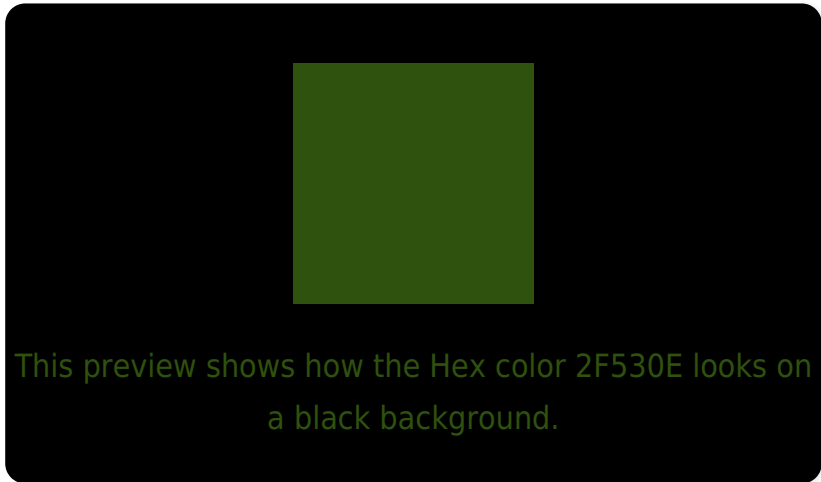
Large Text (above 18pt) WCAG AA ✓ Pass

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

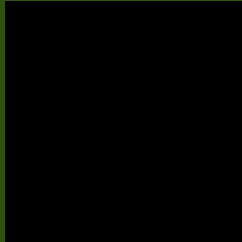
Any Text WCAG AA × Fail

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 2F530E Background



This preview shows how black text looks on a background with the Hex color 2F530E.



This preview shows how white text looks on a background with the Hex color 2F530E.

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
2F530E

Protanopia
534A0B

Deuteranopia
5D4615



Tritanopia
394D53

Trichromacy



Original Color
2F530E

Protanomaly
464D0C

Deuteranomaly
4C4B12

Tritanomaly
354F3A

Monochromacy



Original Color
2F530E

Achromatopsia
404040

Achromatomaly
3A472E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F530E 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 #2F530E looks like.

```
.text, #text, p{  
    color:#2F530E  
}
```

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 #2F530E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F530E
}
```

Border

The CSS property to change the border of an element to Hex 2F530E is called "border". The border property can be set on classes, ids or directly on the HTML element.

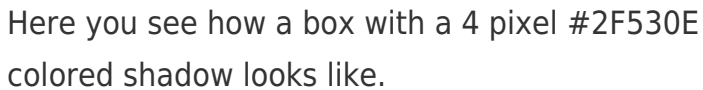
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F530E }
```

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

```
.border{ border-color:#2F530E }
```

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



Here you see how a box with a 4 pixel #2F530E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F530E; -webkit-box-shadow:4px 4px  
4px 4px #2F530E; box-shadow:4px 4px 4px  
4px #2F530E }
```

Background

The CSS property to change the background color of an element to Hex 2F530E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F530E }
```

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

```
.background{ background-color:#2F530E }
```

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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