

Converting Colors

Hex(2D430E)

Have a look what the booklet for
Hex(2D430E) contains.

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Color

Hex(2D430E)

Conversions

Conversions Part 1

Format	Color
Hex	2D430E
RGB	45, 67, 14
RGB Percent	18%, 26%, 5%
CMY	0.8235, 0.7373, 0.9451
CMYK	0.33, 0.00, 0.79, 0.74
HSL	85°, 65%, 16%
HSV	85°, 79%, 26%
XYZ	3.1686, 4.6039, 1.1371
YIQ	54.3800, 3.9010, -21.1470

Conversions

Conversions Part 2

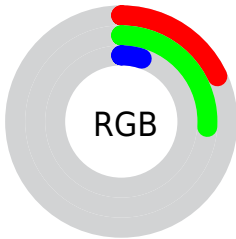
Format	Color
R_{YB}	14, 67, 36
Decimal	2966286
CIE _{Lab}	25.58, -18.28, 27.96
CIE _{LCh}	26, 33.411, 123.174
Yxy	4.6039, 0.3556, 0.5167
Android (android.graphics.Color)	4281156366 (0xFF2D430E)
YUV	54.3800, -19.9073, -8.2263
Hunter-Lab	21.4567, -11.1894, 11.8776

Details

The Hex color **2D430E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **240E43**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5D733C**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **2A4307**, and if you desaturate by 10%, it is **304315**.

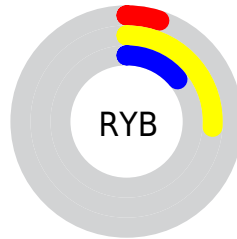
Distribution



Red (18%)

Green (26%)

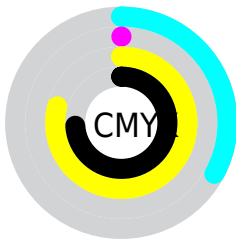
Blue (5%)



Red (5%)

Yellow (26%)

Blue (14%)

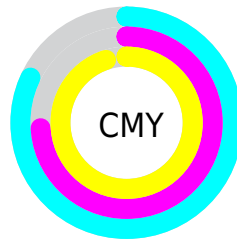


Cyan (33%)

Magenta (0%)

Yellow (79%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D430E 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 2D430E by changing the saturation by 10% instead.

 2D430E

 2D430E

 FFFFF4

 182D00

 5D733C

 001A00

 768D53

 000000

 90A76C

 ABC286

 C7DEA0

 E3FBBB

 FFFFD7

 2D430E

 2D430E

■ 2A4307

■ 304315

■ 274301

■ 33431B

■ 274300

■ 354322

■ 384329

■ 3B4330

■ 3E4336

■ 40433D

■ 434344

■ 46434A

Harmonies

Analogous

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



473C03



2D430E



004725

Triad

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



2D430E



00456A



6A243B

Complementary

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



2D430E



240E43

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.



5D2A54



2D430E



003F6F

Square

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



2D430E



004858



403567



682922

Rectangle

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



2D430E



004836



403567



672543

Sweetspot

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



2D430E



4E5742



43230E



262B1F



ABABAB



2B2B2B

Same Dimension

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



2D430E



355704



13430E



20211E



396100



83E000

Inverse Universe

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



240E43



270457



3E0E43



1F1E21



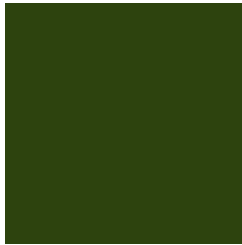
280061



5D00E0

Previews

White Background



This preview shows how the Hex color 2D430E looks on a white background.

Color Contrast Check

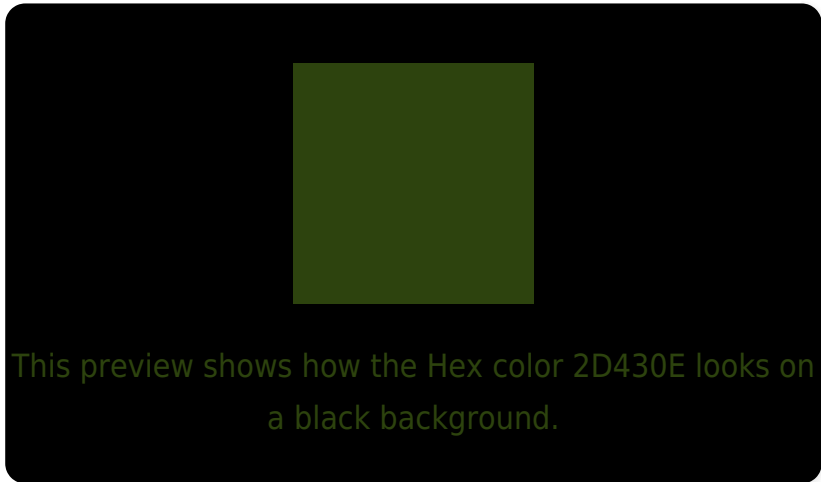
Large Text (above 18pt) WCAG AA ✓ Pass

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

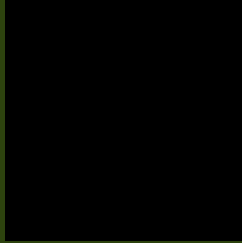
Any Text WCAG AA × Fail

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 2D430E Background



This preview shows how black text looks on a background with the Hex color 2D430E.



This preview shows how white text looks on a background with the Hex color 2D430E.

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](#).

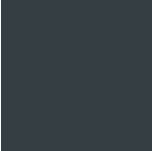
Dichromacy



Original Color
2D430E

Protanopia
443D0C

Deuteranopia
4C3A13



Tritanopia
343E43

Trichromacy



Original Color
2D430E

Protanomaly
3C3F0D

Deuteranomaly
413D11

Tritanomaly
314030

Monochromacy



Original Color
2D430E

Achromatopsia
363636

Achromatomaly
333B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D430E 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 #2D430E looks like.

```
.text, #text, p{  
    color:#2D430E  
}
```

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 #2D430E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D430E
}
```

Border

The CSS property to change the border of an element to Hex 2D430E is called "border". The border property can be set on classes, ids or directly on the HTML element.

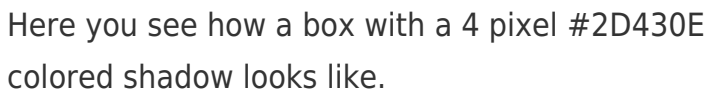
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D430E }
```

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

```
.border{ border-color:#2D430E }
```

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



Here you see how a box with a 4 pixel #2D430E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D430E; -webkit-box-shadow:4px 4px  
4px 4px #2D430E; box-shadow:4px 4px 4px  
4px #2D430E }
```

Background

The CSS property to change the background color of an element to Hex 2D430E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D430E }
```

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

```
.background{ background-color:#2D430E }
```

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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