

Converting Colors

Hex(2E6C14)

Have a look what the booklet for
Hex(2E6C14) contains.

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Color

Hex(2E6C14)

Conversions

Conversions Part 1

Format	Color
Hex	2E6C14
RGB	46, 108, 20
RGB Percent	18%, 42%, 8%
CMY	0.8196, 0.5765, 0.9216
CMYK	0.57, 0.00, 0.81, 0.58
HSL	102°, 69%, 25%
HSV	102°, 81%, 42%
XYZ	6.6155, 11.3565, 2.5052
YIQ	79.4300, -8.7040, -40.5120

Conversions

Conversions Part 2

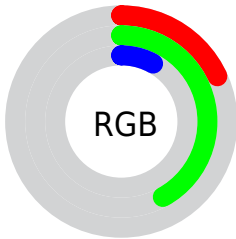
Format	Color
R_{YB}	20, 108, 82
Decimal	3042324
CIE _{Lab}	40.17, -36.46, 39.97
CIE _{LCh}	40, 54.099, 132.370
Yxy	11.3565, 0.3231, 0.5546
Android (android.graphics.Color)	4281232404 (0xFF2E6C14)
YUV	79.4300, -29.2990, -29.3181
Hunter-Lab	33.6994, -23.9325, 19.1820

Details

The Hex color **2E6C14** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **52146C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **63A047**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **266C09**, and if you desaturate by 10%, it is **366C1F**.

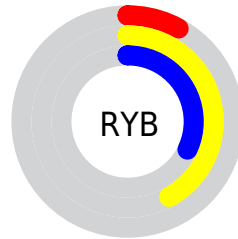
Distribution



Red (18%)

Green (42%)

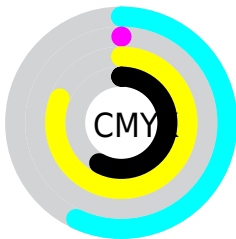
Blue (8%)



Red (8%)

Yellow (42%)

Blue (32%)

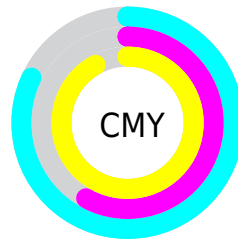


Cyan (57%)

Magenta (0%)

Yellow (81%)

Black (58%)



Cyan (82%)

Magenta (58%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6C14 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 2E6C14 by changing the saturation by 10% instead.



2E6C14



2E6C14

FFFFFF



0F5300



63A047



003B00



7EBB60



002600



99D77A



000100



B5F494



000000



D2FFAF



EFFFCB



FFFFE8



2E6C14



2E6C14

■ 266C09

■ 366C1F

■ 206C00

■ 3D6C2A

■ 456C34

■ 4C6C3F

■ 546C4A

■ 5C6C55

■ 636C60

■ 6B6C6A

■ 726C75

Harmonies

Analogous

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



626200



2E6C14



007142

Triad

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



2E6C14



006BB3



AD2E4E

Complementary

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



2E6C14



52146C

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.



A0347B



2E6C14



015EB6

Square

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



2E6C14



00719A



774AA1



A23E24

Rectangle

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



2E6C14



007261



774AA1



AB2D5D

Sweetspot

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



2E6C14



758C6B



6C5214



394733



C7C7C7



474747

Same Dimension

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



2E6C14



2B8C03



146C26



323630



237500



48F500

Inverse Universe

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



52146C



64038C



6C145A



343036



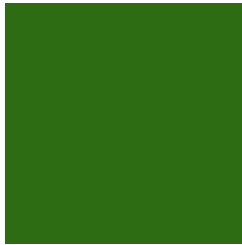
530075



AC00F5

Previews

White Background



This preview shows how the Hex color 2E6C14 looks on a white background.

Color Contrast Check

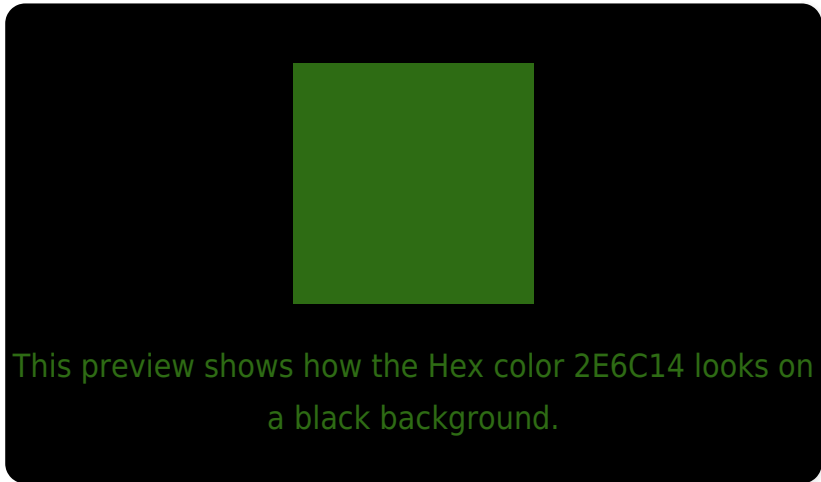
Large Text (above 18pt) WCAG AA ✓ Pass

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

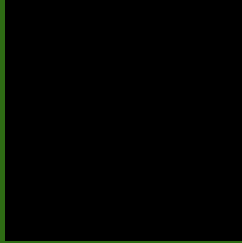
Any Text WCAG AA × Fail

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 2E6C14 Background



This preview shows how black text looks on a background with the Hex color 2E6C14.



This preview shows how white text looks on a background with the Hex color 2E6C14.

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
2E6C14

Protanopia
6A5F10

Deuteranopia
765A1D



Tritanopia
3E656D

Trichromacy



Original Color
2E6C14

Protanomaly
546411

Deuteranomaly
5C611A

Tritanomaly
38684D

Monochromacy



Original Color
2E6C14

Achromatopsia
4F4F4F

Achromatomaly
435A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6C14 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 #2E6C14 looks like.

```
.text, #text, p{  
    color:#2E6C14  
}
```

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 #2E6C14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6C14
}
```

Border

The CSS property to change the border of an element to Hex 2E6C14 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".

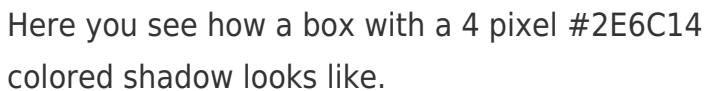
```
.border, #border, table{ border:4px solid
#2E6C14 }
```

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

```
.border{ border-color:#2E6C14 }
```

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

Here you see how a box with a 4 pixel #2E6C14 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6C14; -webkit-box-shadow:4px 4px  
4px 4px #2E6C14; box-shadow:4px 4px 4px  
4px #2E6C14 }
```

Background

The CSS property to change the background color of an element to Hex 2E6C14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6C14 }
```

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

```
.background{ background-color:#2E6C14 }
```

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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