

# Converting Colors

Hex(2E6D19)

Have a look what the booklet for  
Hex(2E6D19) contains.

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# Color

**Hex(2E6D19)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E6D19
RGB	46, 109, 25
RGB Percent	18%, 43%, 10%
CMY	0.8196, 0.5725, 0.9020
CMYK	0.58, 0.00, 0.77, 0.57
HSL	105°, 63%, 26%
HSV	105°, 77%, 43%
XYZ	6.7708, 11.5883, 2.7996
YIQ	80.5870, -10.5840, -39.4800

# Conversions

## Conversions Part 2

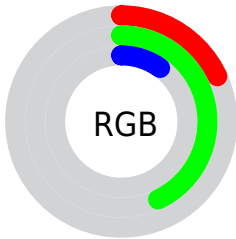
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 109, 88
Decimal	3042585
CIE Lab	40.55, -36.50, 38.48
CIE LCh	41, 53.033, 133.488
Yxy	11.5883, 0.3200, 0.5477
Android (android.graphics.Color)	4281232665 (0xFF2E6D19)
YUV	80.5870, -27.4044, -30.3328
Hunter-Lab	34.0416, -24.0694, 18.9531

# Details

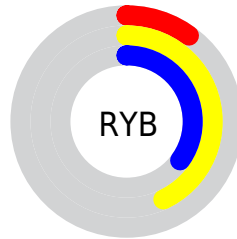
The Hex color **2E6D19** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **58196D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **63A14B**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **266D0E**, and if you desaturate by 10%, it is **366D24**.

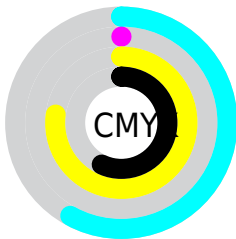
# Distribution



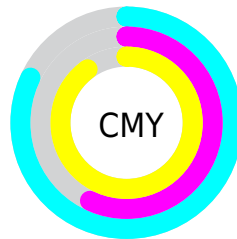
- Red (18%)
- Green (43%)
- Blue (10%)



- Red (10%)
- Yellow (43%)
- Blue (35%)



- Cyan (58%)
- Magenta (0%)
- Yellow (77%)
- Black (57%)



- Cyan (82%)
- Magenta (57%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E6D19 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 2E6D19 by changing the saturation by 10% instead.





2E6D19



2E6D19

FFFFFF



0F5400



63A14B



003C00



7EBD64



002700



99D97E



000400



B5F598



000000



D2FFB3



EFFFCF



FFFEC



2E6D19



2E6D19

■ 266D0E

■ 366D24

■ 1E6D03

■ 3E6D2F

■ 1B6D00

■ 476D3A

■ 4F6D45

■ 576D4F

■ 5F6D5A

■ 676D65

■ 6F6D70

■ 786D7B

# Harmonies

## Analogous

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



616400



2E6D19



007245

# Triad

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



2E6D19



006BB3



AC314E

# Complementary

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



2E6D19



58196D

# 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.



A13679



2E6D19



1B5EB5

# Square

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



2E6D19



00729B



7A4A9F



A24125

# Rectangle

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



2E6D19



007364



7A4A9F



AB305C



# Sweetspot

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



2E6D19



768F6E



6D5819



384733



C7C7C7



474747



# Same Dimension

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



2E6D19



2C8F0B



196D2E



323630



1D7500



3DF500



# Inverse Universe

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



58196D



6E0B8F



6D1958



343036



580075

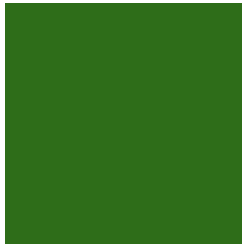


B800F5



# Previews

## White Background



This preview shows how the Hex color 2E6D19 looks on a white background.

## Color Contrast Check

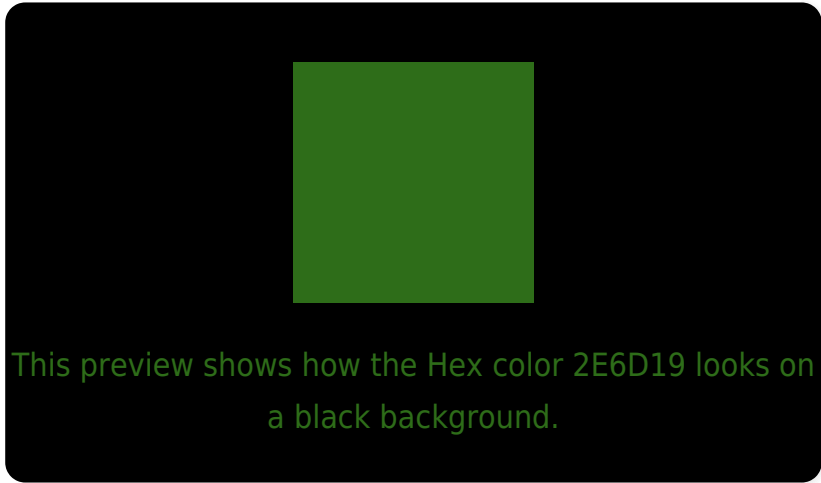
Large Text (above 18pt) WCAG AA ✓ Pass

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

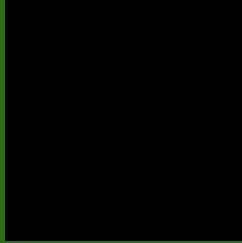
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E6D19 Background



This preview shows how black text looks on a background with the Hex color 2E6D19.



This preview shows how white text looks on a background with the Hex color 2E6D19.

# 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**  
2E6D19

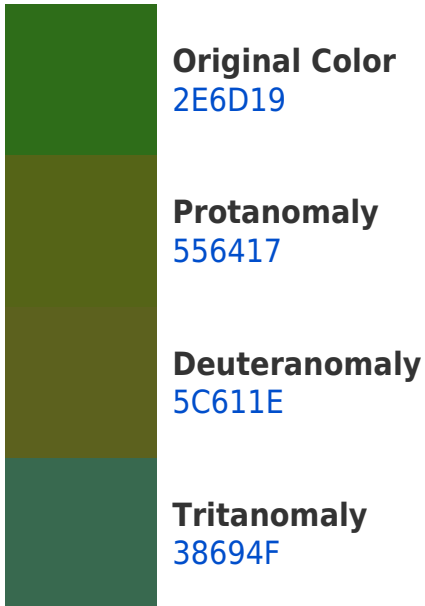
**Protanopia**  
6B5F16

**Deuteranopia**  
775A21



**Tritanopia**  
3E666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E6D19 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 #2E6D19 looks like.

```
.text, #text, p{  
    color:#2E6D19  
}
```

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 #2E6D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6D19
}
```

## Border

The CSS property to change the border of an element to Hex 2E6D19 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
#2E6D19 }
```

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

```
.border{ border-color:#2E6D19 }
```

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

Here you see how a box with a 4 pixel #2E6D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6D19; -webkit-box-shadow:4px 4px  
4px 4px #2E6D19; box-shadow:4px 4px 4px  
4px #2E6D19 }
```

# Background

The CSS property to change the background color of an element to Hex 2E6D19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6D19 }
```

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

```
.background{ background-color:#2E6D19 }
```

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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