

# Converting Colors

Hex(29661D)

Have a look what the booklet for  
Hex(29661D) contains.

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# Color

Hex(29661D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	29661D
RGB	41, 102, 29
RGB Percent	16%, 40%, 11%
CMY	0.8392, 0.6000, 0.8863
CMYK	0.60, 0.00, 0.72, 0.60
HSL	110°, 56%, 26%
HSV	110°, 72%, 40%
XYZ	5.8876, 10.0629, 2.7944
YIQ	75.4390, -12.9230, -35.6350

# Conversions

## Conversions Part 2

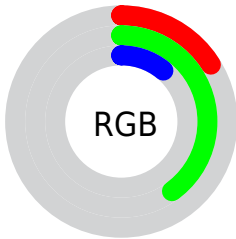
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 102, 90
Decimal	2713117
CIE <sub>Lab</sub>	37.96, -34.73, 34.03
CIE <sub>LCh</sub>	38, 48.624, 135.581
Yxy	10.0629, 0.3141, 0.5368
Android (android.graphics.Color)	4280903197 (0xFF29661D)
YUV	75.4390, -22.8944, -30.2030
Hunter-Lab	31.7220, -22.3840, 16.9825

# Details

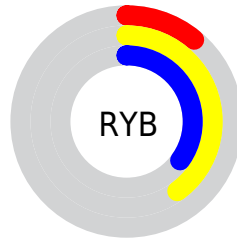
The Hex color **29661D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5A1D66**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5E9A4D**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **206613**, and if you desaturate by 10%, it is **326627**.

# Distribution



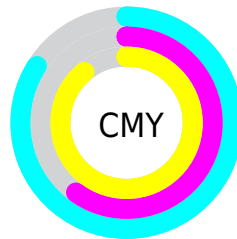
- Red (16%)
- Green (40%)
- Blue (11%)



- Red (11%)
- Yellow (40%)
- Blue (35%)



- Cyan (60%)
- Magenta (0%)
- Yellow (72%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29661D 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 29661D by changing the saturation by 10% instead.



 29661D

 29661D

FFFFFF

 094D03

 5E9A4D

 003600

 78B566

 002300

 93D180

 000000

 AFED9A

 CBFFB5

 E7FFD1

 FFFFEE

 29661D

 29661D

■ 206613

■ 326627

■ 186609

■ 3A6631

■ 116600

■ 43663C

■ 4B6646

■ 546650

■ 5C665A

■ 656664

■ 6D666F

■ 766679

# Harmonies

## Analogous

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



595E00



29661D



006A44

# Triad

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



29661D



0063A6



9F3147

# Complementary

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



29661D



5A1D66

# 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.



96346E



29661D



2C57A6

# Square

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



29661D



006A91



754591



953F22

# Rectangle

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



29661D



006B60



754591



9F3054



# Sweetspot

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



29661D



6D8569



665A1D



344232



C2C2C2



424242



# Same Dimension

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



29661D



258513



1D6635



2F332E



137300



28F200



# Inverse Universe

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



5A1D66



721385



661D4E



322E33



600073

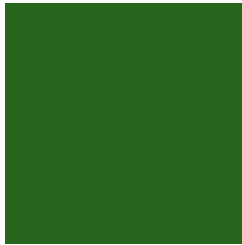


CA00F2



# Previews

## White Background



This preview shows how the Hex color 29661D looks on a white background.

## Color Contrast Check

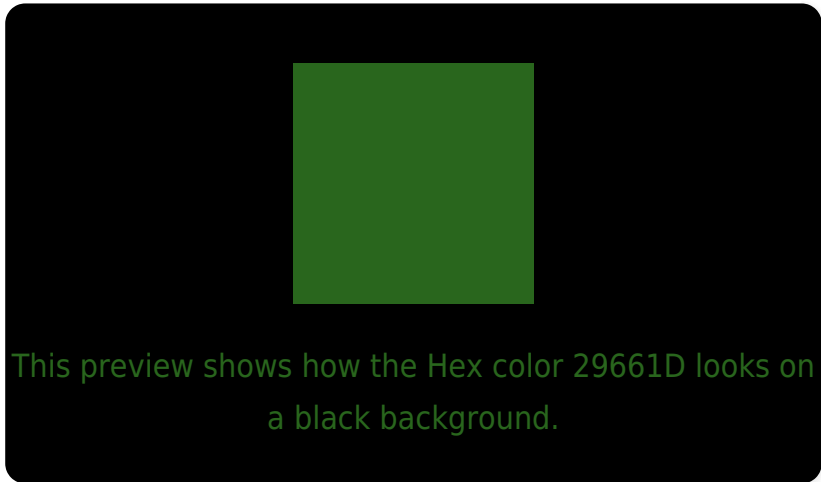
Large Text (above 18pt) WCAG AA ✓ Pass

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

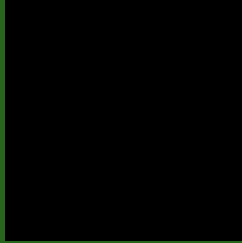
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 29661D Background



This preview shows how black text looks on a background with the Hex color 29661D.



This preview shows how white text looks on a background with the Hex color 29661D.

# 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**  
29661D

**Protanopia**  
64591A

**Deuteranopia**  
6F5523



**Tritanopia**  
395F67

# Trichromacy



**Original Color**  
29661D

**Protanomaly**  
4F5E1B

**Deuteranomaly**  
565B21

**Tritanomaly**  
33624C

# Monochromacy



**Original Color**  
29661D

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
3F553A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29661D 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 #29661D looks like.

```
.text, #text, p{  
    color:#29661D  
}
```

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 #29661D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29661D
}
```

## Border

The CSS property to change the border of an element to Hex 29661D 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
#29661D }
```

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

```
.border{ border-color:#29661D }
```

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

Here you see how a box with a 4 pixel #29661D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29661D; -webkit-box-shadow:4px 4px  
4px 4px #29661D; box-shadow:4px 4px 4px  
4px #29661D }
```

# Background

The CSS property to change the background color of an element to Hex 29661D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29661D }
```

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

```
.background{ background-color:#29661D }
```

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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