

# Converting Colors

Decimal(3028001)

Have a look what the booklet for  
Decimal(3028001) contains.

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# Color

**Decimal(3028001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E3421
RGB	46, 52, 33
RGB Percent	18%, 20%, 13%
CMY	0.8196, 0.7961, 0.8706
CMYK	0.12, 0.00, 0.37, 0.80
HSL	79°, 22%, 17%
HSV	79°, 37%, 20%
XYZ	2.6292, 3.1466, 1.9076
YIQ	48.0400, 2.5230, -7.1810

# Conversions

## Conversions Part 2

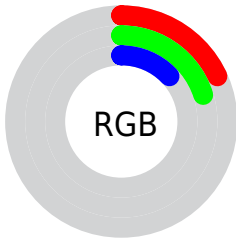
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 52, 39
Decimal	3028001
CIELab	20.62, -6.64, 11.20
CIElCh	21, 13.015, 120.655
Yxy	3.1466, 0.3422, 0.4095
Android (android.graphics.Color)	4281218081 (0xFF2E3421)
YUV	48.0400, -7.4147, -1.7891
Hunter-Lab	17.7387, -4.5857, 6.0411

# Details

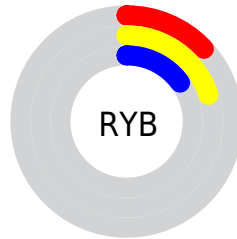
The Decimal color **3028001** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2564404**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **6054477**, and **1024** is the 20% darker color. If you saturate the color by 10%, you get **2896924**, and if you desaturate by 10%, it is **3159078**.

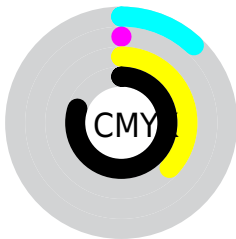
# Distribution



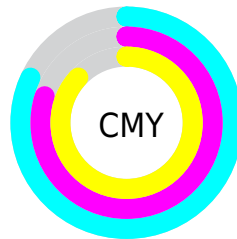
- Red (18%)
- Green (20%)
- Blue (13%)



- Red (13%)
- Yellow (20%)
- Blue (15%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (80%)



- Cyan (82%)
- Magenta (80%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3028001 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 Decimal color 3028001 by changing the saturation by 10% instead.





3028001



3028001

16777215



1711883



6054477



1024



7699301



0



9344382



11120792



12897203



14739407



16646123



3028001



3028001

■ 2896924

■ 3159078

■ 2831383

■ 3224619

■ 2700305

■ 3355697

■ 2569228

■ 3486774

■ 2503687

■ 3552315

■ 2372610

■ 3683392

■ 2372608

■ 3748933

■ 3880011

■ 4011088

# Harmonies

## Analogous

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



3682591



3028001



2307624

# Triad

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



3028001



1586498



4467506

# Complementary

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



3028001



2564404

# 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.



4074555



3028001



2437701

# Square

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



3028001



1259323



3354434



4467496

# Rectangle

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



3028001



1849134



3354434



4401973



# Sweetspot

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



3028001



4343101



3417889



2237471



10724259



2368548



# Same Dimension

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



3028001



3884327



2438177



1645079



4020480



9754880



# Inverse Universe

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



2564404



3155781



3154228



1578778



1835097

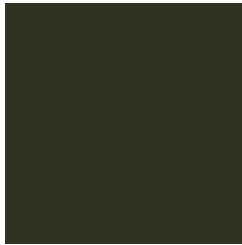


4456665



# Previews

## White Background



This preview shows how the Decimal color 3028001 looks on a white background.

## Color Contrast Check

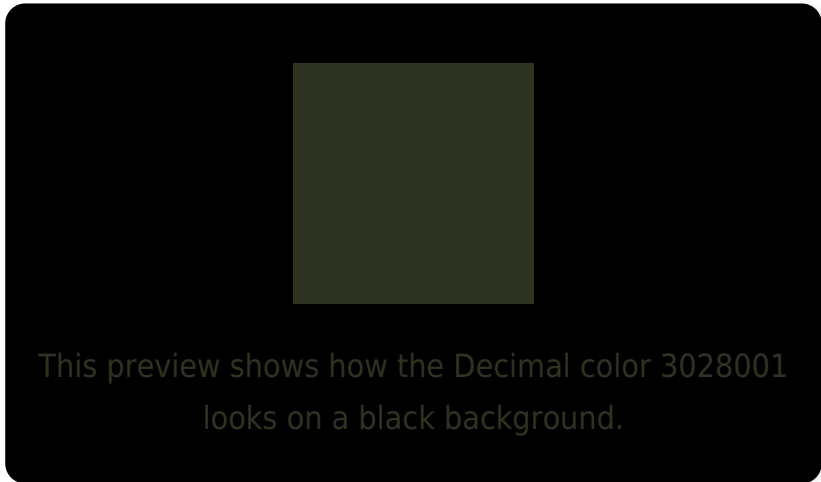
Large Text (above 18pt) WCAG AA ✓ Pass

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

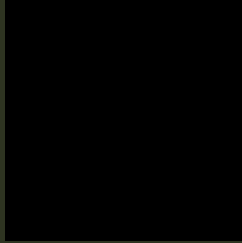
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

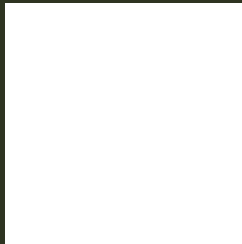
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3028001 Background



This preview shows how black text looks on a background with the Decimal color 3028001.

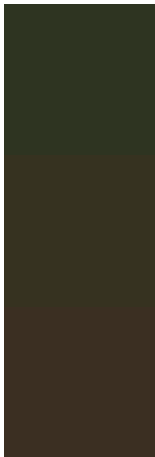


This preview shows how white text looks on a background with the Decimal color 3028001.

# 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**  
3028001

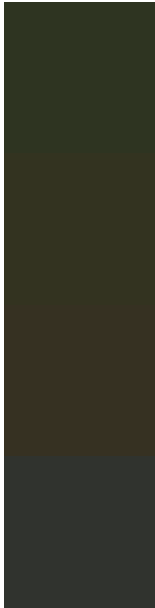
**Protanopia**  
3551776

**Deuteranopia**  
3878690



**Tritanopia**  
3224117

# Trichromacy



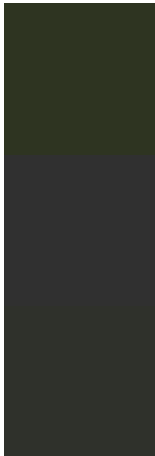
**Original Color**  
3028001

**Protanomaly**  
3355424

**Deuteranomaly**  
3551522

**Tritanomaly**  
3158830

# Monochromacy



**Original Color**  
3028001

**Achromatopsia**  
3158064

**Achromatomaly**  
3092779

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3028001 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 #2E3421 looks like.

```
.text, #text, p{  
    color:#2E3421  
}
```

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 #2E3421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3421
}
```

## Border

The CSS property to change the border of an element to Decimal 3028001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

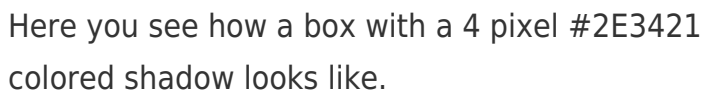
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3421 }
```

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

```
.border{ border-color:#2E3421 }
```

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



Here you see how a box with a 4 pixel #2E3421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3421; -webkit-box-shadow:4px 4px  
4px 4px #2E3421; box-shadow:4px 4px 4px  
4px #2E3421 }
```

# Background

The CSS property to change the background color of an element to Decimal 3028001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3421 }
```

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

```
.background{ background-color:#2E3421 }
```

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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