

# Converting Colors

Decimal(2964531)

Have a look what the booklet for  
Decimal(2964531) contains.

<b>Decimal(2964531)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2964531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D3C33
RGB	45, 60, 51
RGB Percent	18%, 24%, 20%
CMY	0.8235, 0.7647, 0.8000
CMYK	0.25, 0.00, 0.15, 0.76
HSL	144°, 14%, 21%
HSV	144°, 25%, 24%
XYZ	3.2956, 4.0286, 3.7359
YIQ	54.4890, -6.0510, -5.9790

# Conversions

## Conversions Part 2

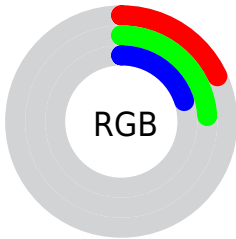
Format	Color
<b>RYB</b>	45, 56, 60
Decimal	2964531
CIELab	23.77, -8.36, 3.57
CIElCh	24, 9.093, 156.865
Yxy	4.0286, 0.2980, 0.3642
Android (android.graphics.Color)	4281154611 (0xFF2D3C33)
YUV	54.4890, -1.7201, -8.3219
Hunter-Lab	20.0714, -5.8166, 3.0144

# Details

The Decimal color **2964531** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3943734**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **5991265**, and **4613** is the 20% darker color. If you saturate the color by 10%, you get **2571311**, and if you desaturate by 10%, it is **3357751**.

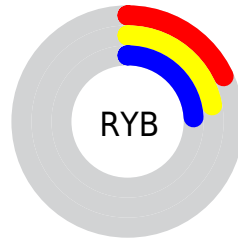
# Distribution



Red (18%)

Green (24%)

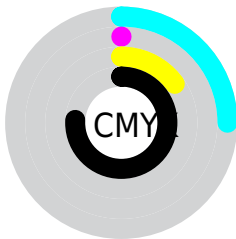
Blue (20%)



Red (18%)

Yellow (22%)

Blue (24%)

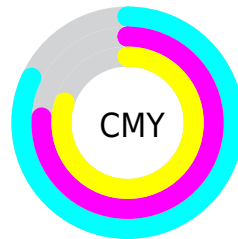


Cyan (25%)

Magenta (0%)

Yellow (15%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2964531 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 2964531 by changing the saturation by 10% instead.





2964531



2964531

16777215



1582622



5991265



4613



7636346



0



9281428



11057838



12834250



14676710



16515071



2964531



2964531

■ 2571311

■ 3357751

■ 2178092

■ 3750970

■ 1784872

■ 4144190

■ 1391653

■ 4537409

■ 998433

■ 4930629

■ 605213

■ 5323849

■ 211994

■ 5717068

■ 15384

■ 6110288

■ 6503507

# Harmonies

## Analogous

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



3488558



2964531



2571578

# Triad

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



2964531



3356998



4600881

# Complementary

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



2964531



3943734

# 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.



4600887



2964531



3946051

# Square

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



2964531



2833221



4404286



4339244

# Rectangle

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



2964531



2505790



4404286



4666419



# Sweetspot

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



2964531



4804427



3554349



2435366



11053224



2697513



# Same Dimension

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



2964531



3624769



2964538



1842973



24102



56921



# Inverse Universe

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



3943734



5191494



3943727



2038813



6160441



14549125



# Previews

## White Background



This preview shows how the Decimal color 2964531 looks on a white background.

## Color Contrast Check

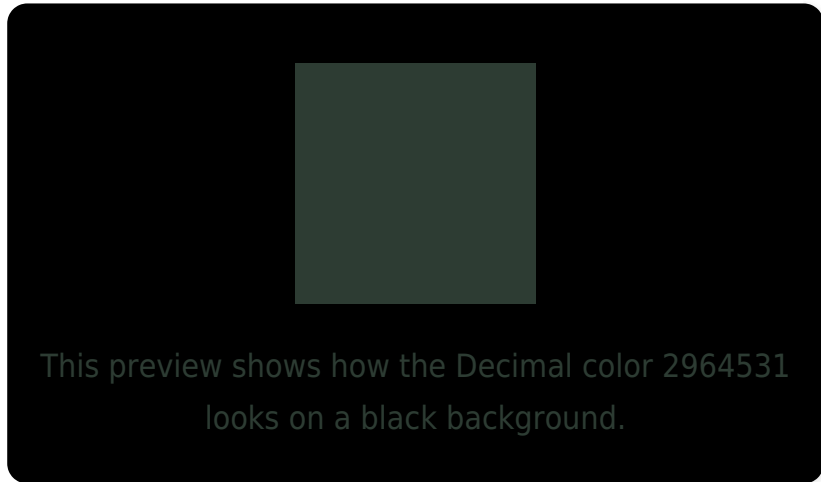
Large Text (above 18pt) WCAG AA ✓ Pass

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

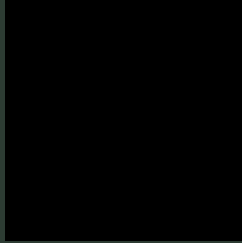
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2964531 Background



This preview shows how black text looks on a background with the Decimal color 2964531.



This preview shows how white text looks on a background with the Decimal color 2964531.

# 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**  
2964531

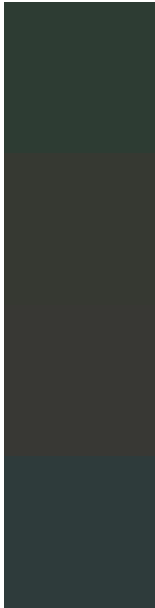
**Protanopia**  
3881009

**Deuteranopia**  
4142644



**Tritanopia**  
3095103

# Trichromacy



**Original Color**

2964531

**Protanomaly**

3553586

**Deuteranomaly**

3684404

**Tritanomaly**

3029819

# Monochromacy



**Original Color**

2964531

**Achromatopsia**

3552822

**Achromatomaly**

3356725

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2964531 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 #2D3C33 looks like.

```
.text, #text, p{  
    color:#2D3C33  
}
```

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 #2D3C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3C33
}
```

## Border

The CSS property to change the border of an element to Decimal 2964531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

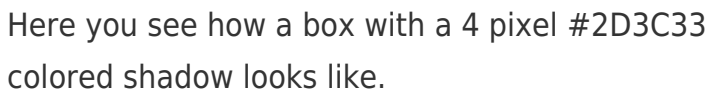
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D3C33 }
```

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

```
.border{ border-color:#2D3C33 }
```

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



Here you see how a box with a 4 pixel #2D3C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3C33; -webkit-box-shadow:4px 4px  
4px 4px #2D3C33; box-shadow:4px 4px 4px  
4px #2D3C33 }
```

# Background

The CSS property to change the background color of an element to Decimal 2964531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3C33 }
```

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

```
.background{ background-color:#2D3C33 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor