

# Converting Colors

Decimal(2758437)

Have a look what the booklet for  
Decimal(2758437) contains.

<b>Decimal(2758437)</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(2758437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A1725
RGB	42, 23, 37
RGB Percent	16%, 9%, 15%
CMY	0.8353, 0.9098, 0.8549
CMYK	0.00, 0.45, 0.12, 0.84
HSL	316°, 29%, 13%
HSV	316°, 45%, 16%
XYZ	1.5952, 1.2386, 1.9053
YIQ	30.2770, 6.8300, 8.3820

# Conversions

## Conversions Part 2

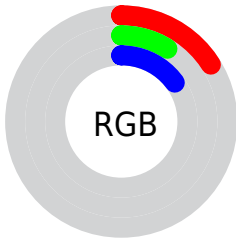
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 23, 37
Decimal	2758437
CIE Lab	10.84, 12.33, -5.65
CIE LCh	11, 13.561, 335.383
Yxy	1.2386, 0.3366, 0.2614
Android (android.graphics.Color)	4280948517 (0xFF2A1725)
YUV	30.2770, 3.3144, 10.2811
Hunter-Lab	11.1293, 6.1084, -2.3596

# Details

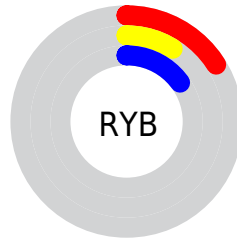
The Decimal color **2758437** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1518108**, and the grayscale version is **1973790**.

A 20% lighter version of the original color is **5784146**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2757412**, and if you desaturate by 10%, it is **2759462**.

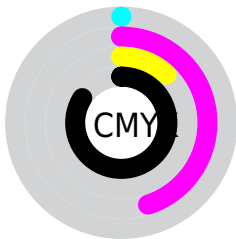
# Distribution



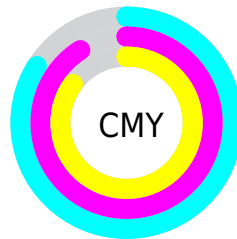
- Red (16%)
- Green (9%)
- Blue (15%)



- Red (16%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (45%)
- Yellow (12%)
- Black (84%)



- Cyan (84%)
- Magenta (91%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2758437 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 2758437 by changing the saturation by 10% instead.



■ 2758437

■ 2758437

■ 16775935

■ 1507344

■ 5784146

■ 0

■ 7363178

■ 9073283

■ 10783901

■ 12625592

■ 14467539

■ 16309744

■ 2758437

■ 2758437

■ 2757412

■ 2759462

■ 2756387

■ 2760487

■ 2755106

■ 2761768

■ 2754081

■ 2762793

■ 2753055

■ 2763819

■ 2752543

■ 2764844

■ 2765869

■ 2767150

■ 2768175

# Harmonies

## Analogous

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



2103852



2758437



3085852

# Triad

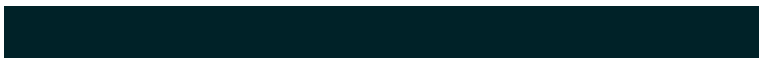
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2758437



2235654



8744

# Complementary

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



2758437



1518108

# 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.



8735



2758437



1581068

# Square

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



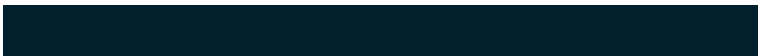
2758437



2759178



794901



8238

# Rectangle

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



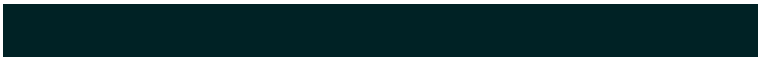
2758437



3085846



794901



8741



# Sweetspot

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



2758437



3550772



1840938



1840923



10263708



1842204



# Same Dimension

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



2758437



3545390



2758428



1315348



5505086



13893788



# Inverse Universe

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



2758437



3545390



1518117



1315348



5505086



13893788



# Previews

## White Background



This preview shows how the Decimal color 2758437 looks on a white background.

## Color Contrast Check

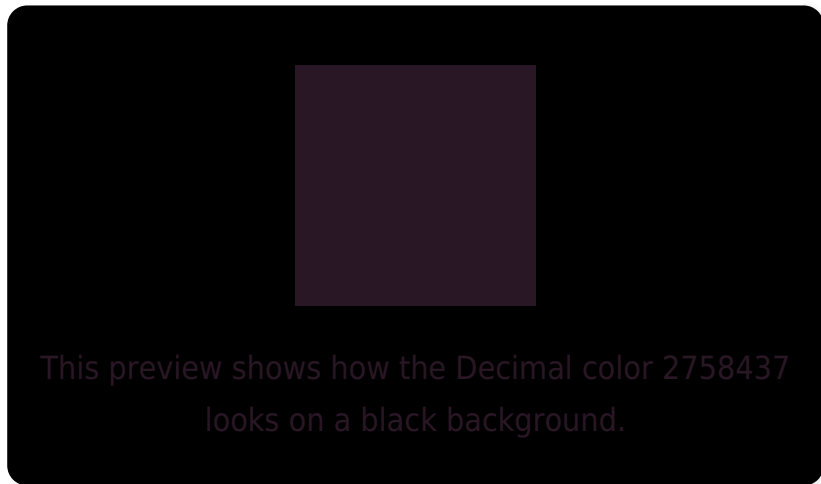
Large Text (above 18pt) WCAG AA ✓ Pass

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

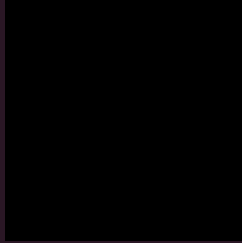
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2758437 Background



This preview shows how black text looks on a background with the Decimal color 2758437.



This preview shows how white text looks on a background with the Decimal color 2758437.

# 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**  
2758437

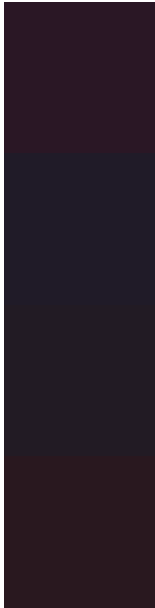
**Protanopia**  
1711402

**Deuteranopia**  
1908004



**Tritanopia**  
2693403

# Trichromacy



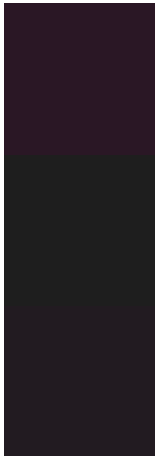
**Original Color**  
2758437

**Protanomaly**  
2104104

**Deuteranomaly**  
2235172

**Tritanomaly**  
2693151

# Monochromacy



**Original Color**  
2758437

**Achromatopsia**  
1973790

**Achromatomaly**  
2235169

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2758437 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 #2A1725 looks like.

```
.text, #text, p{  
    color:#2A1725  
}
```

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 #2A1725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1725
}
```

## Border

The CSS property to change the border of an element to Decimal 2758437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

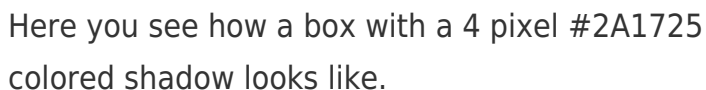
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A1725 }
```

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

```
.border{ border-color:#2A1725 }
```

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



Here you see how a box with a 4 pixel #2A1725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1725; -webkit-box-shadow:4px 4px  
4px 4px #2A1725; box-shadow:4px 4px 4px  
4px #2A1725 }
```

# Background

The CSS property to change the background color of an element to Decimal 2758437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1725 }
```

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

```
.background{ background-color:#2A1725 }
```

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