

# Converting Colors

Decimal(2365235)

Have a look what the booklet for  
Decimal(2365235) contains.

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# Color

**Decimal(2365235)**

# Conversions

## Conversions Part 1

Format	Color
Hex	241733
RGB	36, 23, 51
RGB Percent	14%, 9%, 20%
CMY	0.8588, 0.9098, 0.8000
CMYK	0.29, 0.55, 0.00, 0.80
HSL	268°, 38%, 15%
HSV	268°, 55%, 20%
XYZ	1.6315, 1.2269, 3.2828
YIQ	30.0790, -1.2400, 11.4640

# Conversions

## Conversions Part 2

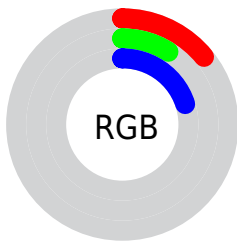
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 23, 51
Decimal	2365235
CIE <sub>Lab</sub>	10.75, 13.66, -16.12
CIE <sub>LCh</sub>	11, 21.129, 310.276
Yxy	1.2269, 0.2657, 0.1998
Android (android.graphics.Color)	4280555315 (0xFF241733)
<b>YUV</b>	30.0790, 10.3141, 5.1927
Hunter-Lab	11.0764, 6.9082, -9.8186

# Details

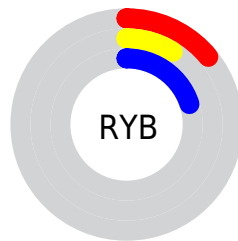
The Decimal color **2365235** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2503447**, and the grayscale version is **1973790**.

A 20% lighter version of the original color is **5390946**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2167347**, and if you desaturate by 10%, it is **2563123**.

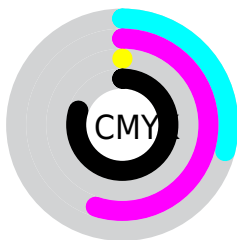
# Distribution



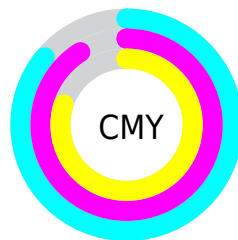
- Red (14%)
- Green (9%)
- Blue (20%)



- Red (14%)
- Yellow (9%)
- Blue (20%)



- Cyan (29%)
- Magenta (55%)
- Yellow (0%)
- Black (80%)



- Cyan (86%)
- Magenta (91%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2365235 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 2365235 by changing the saturation by 10% instead.



■ 2365235

■ 2365235

■ 16775935

■ 1179678

■ 5390946

■ 0

■ 6969979

■ 8614548

■ 10390703

■ 12166858

■ 13943271

■ 15851007

■ 2365235

■ 2365235

■ 2167347

■ 2563123

■ 2034995

■ 2695475

■ 1837107

■ 2893363

■ 1639219

■ 3091251

■ 1572915

■ 3289395

■ 3421747

■ 3619635

■ 3817523

■ 4015411

# Harmonies

## Analogous

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



531769



2365235



3281191

# Triad

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



2365235



2955520



9250

# Complementary

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



2365235



2503447

# 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.



8979



2365235



2170368

# Square

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



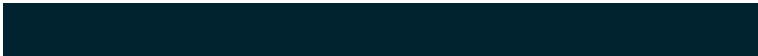
2365235



3478279



1188096



9007

# Rectangle

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



2365235



3542813



1188096



9245



# Sweetspot

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



2365235



4012098



1517107



1973025



10592673



2171169



# Same Dimension

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



2365235



2824002



3282739



1578778



2687065



6619353



# Inverse Universe

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



3348262



4331310



1585943



1709848



5832752



14221428



# Previews

## White Background



This preview shows how the Decimal color 2365235 looks on a white background.

## Color Contrast Check

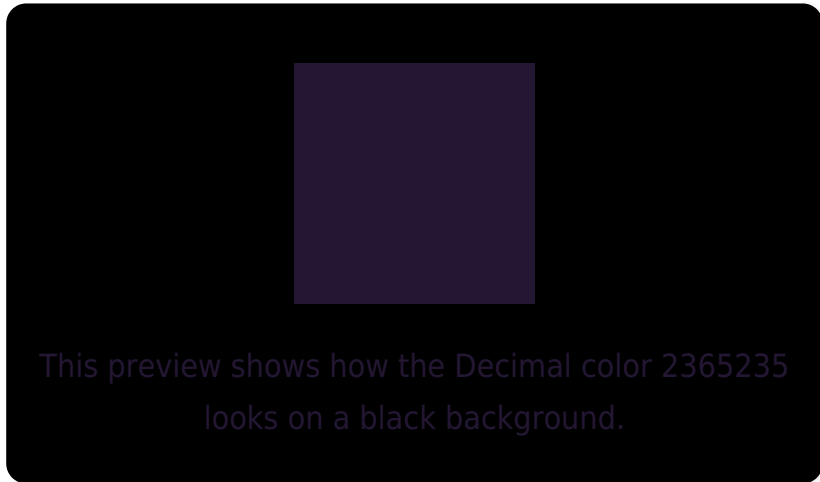
Large Text (above 18pt) WCAG AA ✓ Pass

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

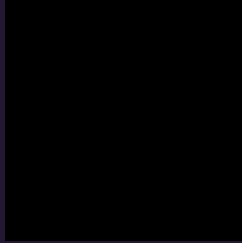
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2365235 Background



This preview shows how black text looks on a background with the Decimal color 2365235.



This preview shows how white text looks on a background with the Decimal color 2365235.

# 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**  
2365235

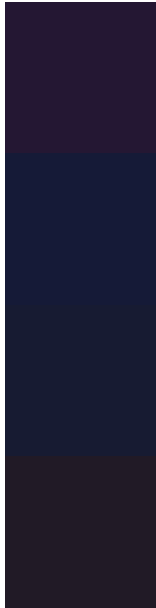
**Protanopia**  
859193

**Deuteranopia**  
990770



**Tritanopia**  
2104351

# Trichromacy



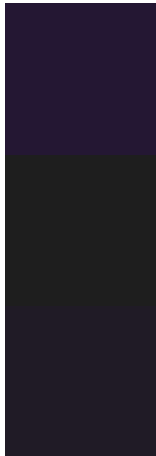
**Original Color**  
2365235

**Protanomaly**  
1382967

**Deuteranomaly**  
1514290

**Tritanomaly**  
2169382

# Monochromacy



**Original Color**  
2365235

**Achromatopsia**  
1973790

**Achromatomaly**  
2104102

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2365235 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 #241733 looks like.

```
.text, #text, p{  
  color:#241733  
}
```

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 #241733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241733
}
```

## Border

The CSS property to change the border of an element to Decimal 2365235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

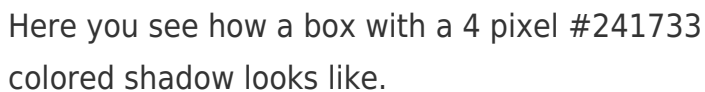
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241733 }
```

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

```
.border{ border-color:#241733 }
```

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



Here you see how a box with a 4 pixel #241733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241733; -webkit-box-shadow:4px 4px  
4px 4px #241733; box-shadow:4px 4px 4px  
4px #241733 }
```

# Background

The CSS property to change the background color of an element to Decimal 2365235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241733 }
```

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

```
.background{ background-color:#241733 }
```

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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