

# Converting Colors

Decimal(2359332)

Have a look what the booklet for  
Decimal(2359332) contains.

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**Color**

**Decimal(2359332)**

# Conversions

## Conversions Part 1

Format	Color
Hex	240024
RGB	36, 0, 36
RGB Percent	14%, 0%, 14%
CMY	0.8588, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.00, 0.86
HSL	300°, 100%, 7%
HSV	300°, 100%, 14%
XYZ	1.0460, 0.5024, 1.7109
YIQ	14.8680, 9.9000, 18.8280

# Conversions

## Conversions Part 2

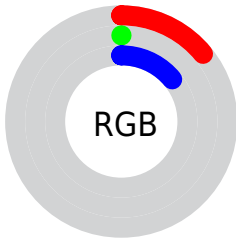
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 0, 36
Decimal	2359332
CIE Lab	4.54, 22.69, -14.68
CIE LCh	5, 27.024, 327.090
Yxy	0.5024, 0.3209, 0.1542
Android (android.graphics.Color)	4280549412 (0xFF240024)
YUV	14.8680, 10.4181, 18.5328
Hunter-Lab	7.0883, 13.9359, -9.3491

# Details

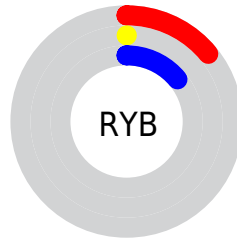
The Decimal color **2359332** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **9216**, and the grayscale version is **986895**.

A 20% lighter version of the original color is **5320273**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2359332**, and if you desaturate by 10%, it is **2360356**.

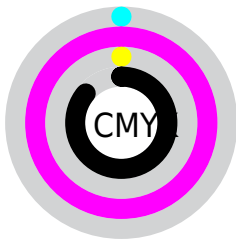
# Distribution



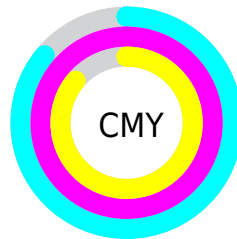
- Red (14%)
- Green (0%)
- Blue (14%)



- Red (14%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (86%)



- Cyan (86%)
- Magenta (100%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2359332 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 2359332 by changing the saturation by 10% instead.



 2359332

 2359332

 16769535

 269

 5320273

 0

 6964329

 8674434

 10384796

 12160951

 14002899

 15910383

 2359332

■ 2360356

■ 2361124

■ 2362148

■ 2362916

■ 2363940

■ 2364964

■ 2365732

■ 2366756

■ 2367524

# Harmonies

## Analogous

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



723504



2359332



3014675

# Triad

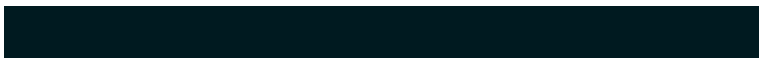
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2359332



1510912



6688

# Complementary

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



2359332



9216

# 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.



6412



2359332



5376

# Square

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



2359332



2491392



6144



6190

# Rectangle

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



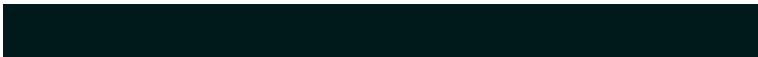
2359332



3145728



6144



6427



# Sweetspot

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



2359332



3022894



36



1511191



9868950



1513239



# Same Dimension

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



2359332



3014702



2359314



1183762



5374034



13697233



# Inverse Universe

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



2359332



3014702



9234



1183762



5374034

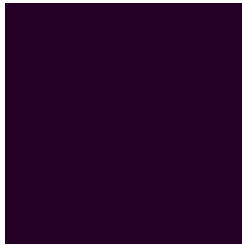


13697233



# Previews

## White Background



This preview shows how the Decimal color 2359332 looks on a white background.

## Color Contrast Check

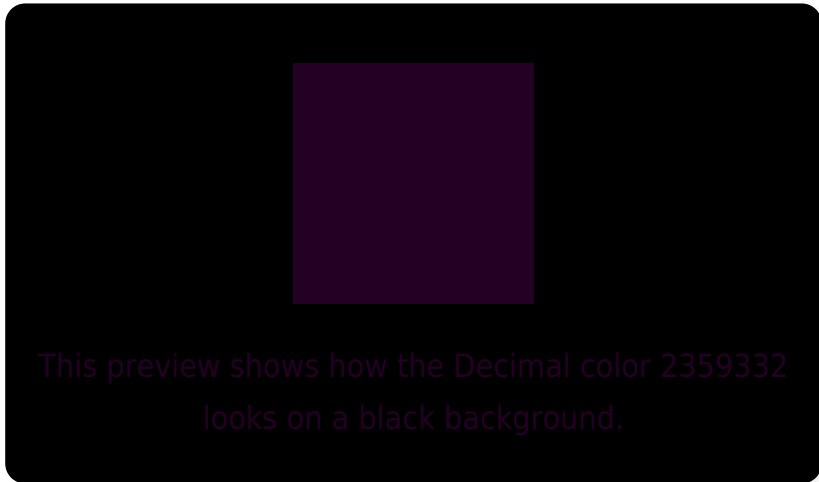
Large Text (above 18pt) WCAG AA ✓ Pass

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

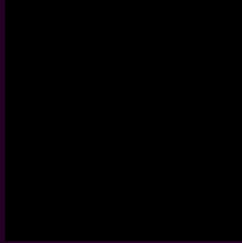
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2359332 Background



This preview shows how black text looks on a background with the Decimal color 2359332.



This preview shows how white text looks on a background with the Decimal color 2359332.

# 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](#).

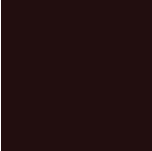
## Dichromacy



**Original Color**  
2359332

**Protanopia**  
5162

**Deuteranopia**  
791842



**Tritanopia**  
2231823

# Trichromacy



**Original Color**  
2359332

**Protanomaly**  
855336

**Deuteranomaly**  
1379619

**Tritanomaly**  
2296087

# Monochromacy



**Original Color**  
2359332

**Achromatopsia**  
986895

**Achromatomaly**  
1509911

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2359332 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 #240024 looks like.

```
.text, #text, p{  
  color:#240024  
}
```

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 #240024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240024
}
```

## Border

The CSS property to change the border of an element to Decimal 2359332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

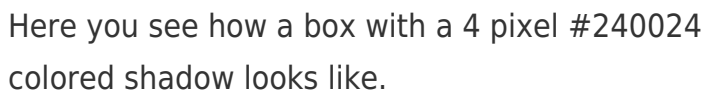
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240024 }
```

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

```
.border{ border-color:#240024 }
```

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



Here you see how a box with a 4 pixel #240024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240024; -webkit-box-shadow:4px 4px  
4px 4px #240024; box-shadow:4px 4px 4px  
4px #240024 }
```

# Background

The CSS property to change the background color of an element to Decimal 2359332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240024 }
```

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

```
.background{ background-color:#240024 }
```

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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