

Converting Colors

Decimal(2359347)

Have a look what the booklet for
Decimal(2359347) contains.

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Color

Decimal(2359347)

Conversions

Conversions Part 1

Format	Color
Hex	240033
RGB	36, 0, 51
RGB Percent	14%, 0%, 20%
CMY	0.8588, 1.0000, 0.8000
CMYK	0.29, 1.00, 0.00, 0.80
HSL	282°, 100%, 10%
HSV	282°, 100%, 20%
XYZ	1.3251, 0.6141, 3.1807
YIQ	16.5780, 5.0850, 23.4930

Conversions

Conversions Part 2

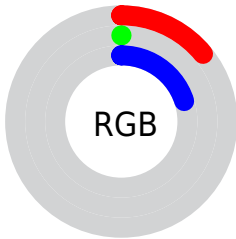
Format	Color
R_{YB}	36, 0, 51
Decimal	2359347
CIE _{Lab}	5.55, 27.46, -24.45
CIE _{LCh}	6, 36.768, 318.328
Yxy	0.6141, 0.2588, 0.1199
Android (android.graphics.Color)	4280549427 (0xFF240033)
YUV	16.5780, 16.9700, 17.0331
Hunter-Lab	7.8364, 16.4700, -18.5795

Details

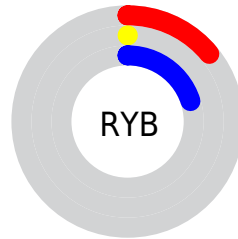
The Decimal color **2359347** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **996096**, and the grayscale version is **1052688**.

A 20% lighter version of the original color is **5451106**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2359347**, and if you desaturate by 10%, it is **2491699**.

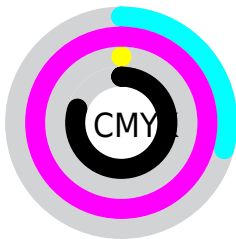
Distribution



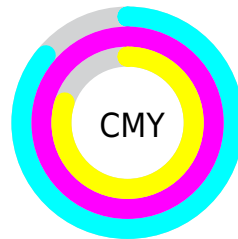
- Red (14%)
- Green (0%)
- Blue (20%)



- Red (14%)
- Yellow (0%)
- Blue (20%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (86%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2359347 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 2359347 by changing the saturation by 10% instead.

■ 2359347

■ 2359347

■ 16769791

■ 131102

■ 5451106

■ 0

■ 7095419

■ 8805525

■ 10515888

■ 12357579

■ 14199527

■ 16107263

■ 2359347

■ 2491699

■ 2558515

■ 2690867

■ 2757683

■ 2890291

■ 2957107

■ 3089459

■ 3156275

■ 3288627

Harmonies

Analogous

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



4161



2359347



3538973

Triad

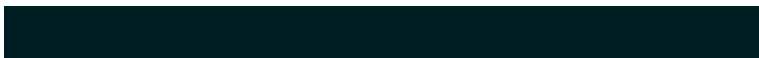
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2359347



2166016



7457

Complementary

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



2359347



996096

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.



7169



2359347



71424

Square

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



2359347



3211264



7168



7735

Rectangle

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



2359347



3801097



7168



7449

Sweetspot

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



2359347



3944002



3891



1971489



10592673



2171169

Same Dimension

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



2359347



3080258



3342377



1644314



4128857



10027225

Inverse Universe

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



3342351



4325395



13066



1709848



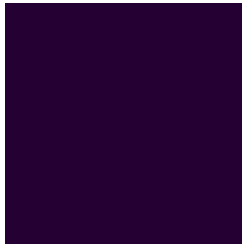
5832730



14221376

Previews

White Background



This preview shows how the Decimal color 2359347 looks on a white background.

Color Contrast Check

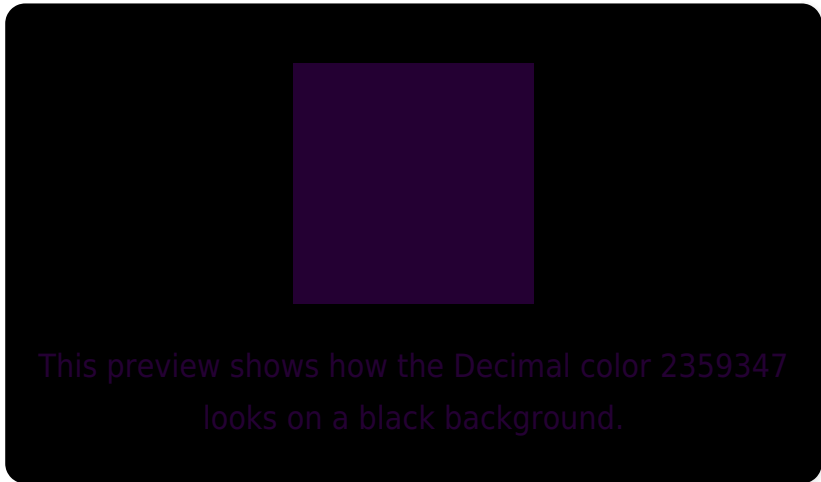
Large Text (above 18pt) WCAG AA ✓ Pass

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

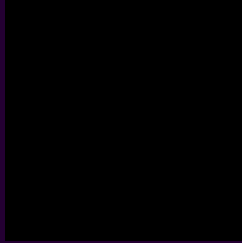
Any Text WCAG AA × Fail

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 2359347 Background



This preview shows how black text looks on a background with the Decimal color 2359347.



This preview shows how white text looks on a background with the Decimal color 2359347.

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
2359347

Protanopia
5679

Deuteranopia
6185



Tritanopia
2036757

Trichromacy



Original Color
2359347

Protanomaly
855600

Deuteranomaly
855853

Tritanomaly
2166048

Monochromacy



Original Color
2359347

Achromatopsia
1118481

Achromatomaly
1575709

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2359347 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 #240033 looks like.

```
.text, #text, p{  
    color:#240033  
}
```

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 #240033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240033
}
```

Border

The CSS property to change the border of an element to Decimal 2359347 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".

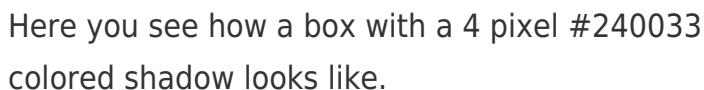
```
.border, #border, table{ border:4px solid
#240033 }
```

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

```
.border{ border-color:#240033 }
```

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

Here you see how a box with a 4 pixel #240033 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240033; -webkit-box-shadow:4px 4px  
4px 4px #240033; box-shadow:4px 4px 4px  
4px #240033 }
```

Background

The CSS property to change the background color of an element to Decimal 2359347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240033 }
```

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

```
.background{ background-color:#240033 }
```

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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